





## Recombinant Human Reelin (RELN), partial

Extracellular domain matrix serine protease that plays a role in layering of neurons in the cerebral cortex and cerebellum. Regulates microtubule function in neurons and neuronal migration. Affects migration of sympathetic preganglionic neurons in the spinal cord, where it ses to act as a barrier to neuronal migration. Enzymatic activity is important for the modulation of cell adhesion. Binding to the Extracellular domains of lipoprotein receptors VLDLR and LRP8/APDER2 induces tyrosine phosphorylation of DAB1 and modulation of TAU phosphorylation.  Abbreviation  Recombinant Human RELN protein, partial  Storage  The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No.  P78509  Product Type  Recombinant Protein  Immunogen Species  Homo sapiens (Human)  Purity  Greater than 90% as determined by SDS-PAGE.  Sequence  AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHOFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area  Cell Adhesion  Source  Yeast  Target Names  RELN  Protein Names  Recommended name: Reelin EC= 3.4.21  Expression Region  Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  N-terminal 6xHis-tagged  Mol. Weight  Potein Length  Partial		
neurons in the cerebral cortex and cerebellum. Regulates microtubule function in neurons and neuronal migration. Affects migration of sympathetic preganglionic neurons in the spinal cord, where it ses to act as a barrier to neuronal migration. Enzymatic activity is important for the modulation of cell adhesion. Binding to the Extracellular domains of lipoprotein receptors VLDLR and LRP8/APOER2 induces tyrosine phosphorylation of DAB1 and modulation of TAU phosphorylation.  Abbreviation  Recombinant Human RELN protein, partial  Storage  The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No.  P78509  Product Type  Recombinant Protein  Immunogen Species  Homo sapiens (Human)  Purity  Greater than 90% as determined by SDS-PAGE.  Sequence  AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHOFGNOFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTYHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area  Cell Adhesion  Source  Yeast  Target Names  RELN  Protein Names  Recommended name: Reelin EC= 3.4.21  Expression Region  Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  N-terminal 6xHis-tagged  Mol. Weight  26.9kDa  Protein Length  Partial	<b>Product Code</b>	CSB-YP019557HU
The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. P78509  Product Type Recombinant Protein  Immunogen Species Homo sapiens (Human)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRQQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast  Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight Partial	Relevance	neurons in the cerebral cortex and cerebellum. Regulates microtubule function in neurons and neuronal migration. Affects migration of sympathetic preganglionic neurons in the spinal cord, where it ses to act as a barrier to neuronal migration. Enzymatic activity is important for the modulation of cell adhesion. Binding to the Extracellular domains of lipoprotein receptors VLDLR and LRP8/APOER2 induces tyrosine phosphorylation of DAB1 and modulation
storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. P78509  Product Type Recombinant Protein  Immunogen Species Homo sapiens (Human)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast  Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Abbreviation	Recombinant Human RELN protein, partial
Product Type         Recombinant Protein           Immunogen Species         Homo sapiens (Human)           Purity         Greater than 90% as determined by SDS-PAGE.           Sequence         AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFMQSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT           Research Area         Cell Adhesion           Source         Yeast           Target Names         RELN           Protein Names         Recommended name: Reelin EC= 3.4.21           Expression Region         26-254aa           Notes         Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.           Tag Info         N-terminal 6xHis-tagged           Mol. Weight         26.9kDa           Protein Length         Partial	Storage	storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12
Immunogen Species Homo sapiens (Human)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence AAGYYPRFSPFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast  Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Uniprot No.	P78509
Purity Greater than 90% as determined by SDS-PAGE.  Sequence AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast  Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Product Type	Recombinant Protein
Sequence AAGYYPRFSPFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYVPGQEYHVTIS TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Immunogen Species	Homo sapiens (Human)
TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA VTFCEPYGPRELITT  Research Area Cell Adhesion  Source Yeast  Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Purity	Greater than 90% as determined by SDS-PAGE.
Source Yeast Target Names RELN  Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Sequence	TSTFFDGLLVTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASH VSHLPTTNLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQLCEQGAPTD VTVHPHLAEIHSDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNA
Target Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Research Area	Cell Adhesion
Protein Names Recommended name: Reelin EC= 3.4.21  Expression Region 26-254aa  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Source	Yeast
Expression Region26-254aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal 6xHis-taggedMol. Weight26.9kDaProtein LengthPartial	Target Names	RELN
Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  N-terminal 6xHis-tagged  Mol. Weight  26.9kDa  Protein Length  Partial	<b>Protein Names</b>	Recommended name: Reelin EC= 3.4.21
4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 26.9kDa  Protein Length Partial	Expression Region	26-254aa
Mol. Weight 26.9kDa  Protein Length Partial	Notes	
Protein Length Partial	Tag Info	N-terminal 6xHis-tagged
	Mol. Weight	26.9kDa
Image	Protein Length	Partial
	Image	



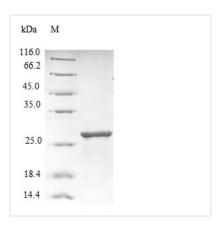
## **CUSABIO TECHNOLOGY LLC**

Tel: +1-301-363-4651 

☐ Email: cusabio@cusabio.com ☐ Website: www.cusabio.com ☐







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## **Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.