

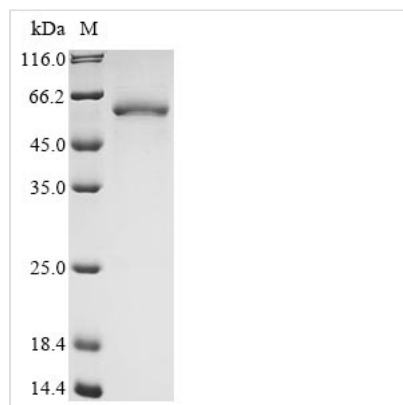


Recombinant Human Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 (LINGO1), partial

Product Code	CSB-EP839321HU
Abbreviation	Recombinant Human LINGO1 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.
Uniprot No.	Q96FE5
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	CPPRCECSAQDRAVLCHRKRFVAVPEGIPTETRLDLGKNRIKTLNQDEFASF PHLEELELNENIVSAVEPGAFNNLFLNRLTLGLRSNRLKLIPLGVFTGLSNLTKLDI SENKIVILLDYMFDLYNLKSLEVGDNDLVYISHRAFSGLSNLEQLTEKCNLTS IPTEALSHLHGLIVLRRLRHLNINAIRDYSFKRLYRLKVLEISHWPYLDTMTPNCLY GLNLTSLSITHCNLTAVPYLAVRHLVYLRFLNLSYNPISTIEGSMLHELLRLQEIQ LVGGQLAVVEPYAFRGLNYLRVLNVSGNQLTTLLEESVFHSGNLETILDSNPL ACDCRLLWVFRRLNFRNRQQPTCATPEFVQGKEFKDFPDVLLPNYFTCR RARIRDRKAQQVFVDEGHTVQFVCRADGDPPIALWLSRKHLSAKSNGRL TVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSPAHHLHVRSPDWPHQP NKTFAFISNQPGEGEANSTRATVPFPFDIKTLIIAT
Research Area	Developmental Biology
Source	E.coli
Target Names	LINGO1
Expression Region	42-561aa
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	63.1 kDa
Protein Length	Partial



Image



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

Description

Unlock the potential of developmental biology research with our superior quality Recombinant Human LINGO1 protein. LINGO1 is an essential protein involved in nervous system development and regeneration. Its functional importance in the regulation of axonal growth and myelination, as well as its association with neurodegenerative and psychiatric disorders, makes LINGO1 a significant target for investigating the complex processes governing the development and maintenance of the nervous system.

This Recombinant Human LINGO1 protein has been expertly produced in *E. coli*, ensuring efficient and consistent expression. Representing a partial region of the protein (42-561 amino acids), it retains the functionality and structural integrity of the native protein. The N-terminal 6xHis-tag ensures easy purification, while maintaining the protein's bioactivity. With a purity of greater than 85% as determined by SDS-PAGE, this Recombinant Human LINGO1 protein is a reliable and robust choice for advancing your developmental biology research. Opt for our high-quality protein to elevate your experiments and unravel new insights into the intriguing world of nervous system development.

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.