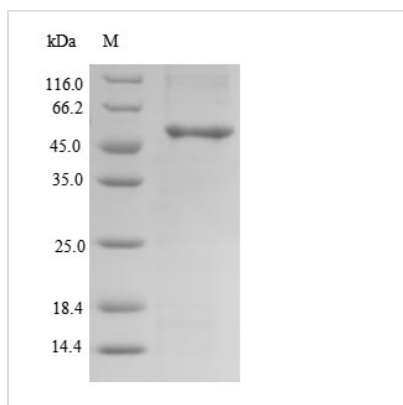




Recombinant Human Clavesin-2 (CLVS2)

Product Code	CSB-EP713118HU
Relevance	Required for normal morphology of late endosomes and/or lysosomes in neurons . Binds phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2).1 Publication
Abbreviation	Recombinant Human CLVS2 protein
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.	Q5SYC1
Alias	Retinaldehyde-binding protein 1-like 2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTHLQAGLSPETLEKARLELNENPDTLHQDIQEVDRDMVITRPDIGFLRTDDAFIL RFLRARKFHHFEAFRLLAQYFEYRQQNLDMFKSFKATDPGIKQALKDGFPGGL ANLDHYGRKILVLFAANWDQSRYYTLVDILRAILLSEAMIEDPELQVNGFVLIIDW SNFTFKQASKLTPSMLRLAIEGLQDSFPARFGGIHFVNQPWYIHALYTVIRPFLK EKTRKRIFLHGNNLNSLHQLIHPEILPSEFGGMLPPYDMGTWARTLLDHEYDD DSEYNVDSYSMPVKEVEKELSPKSMKRSQSVVDPTVLKRMDKNEEENMQPLL SLD
Research Area	Signal Transduction
Source	E.coli
Target Names	CLVS2
Expression Region	1-327aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	54.0kDa
Protein Length	Full Length
Image	



(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.