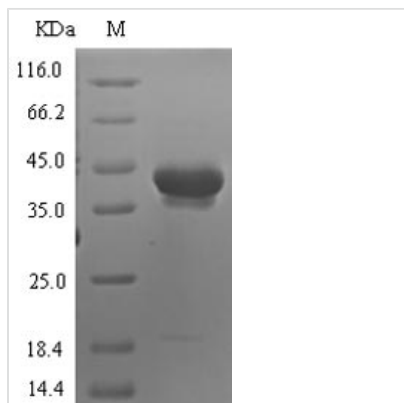




Recombinant Human Neurotrypsin (PRSS12), partial

Product Code	CSB-EP018812HU
Relevance	Plays a role in neuronal plasticity and the proteolytic action may subserve structural reorganizations associated with learning and memory operations.
Abbreviation	Recombinant Human PRSS12 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.	P56730
Alias	Leydin Motopsin Serine protease 12
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	IIGGKNSLRGGWPWQVSLRLKSSHGDGRLLCGATLLSSCWVLTAAHCFKRYG NSTRSYAVRVGDYHTLVPEEFFFFEIGVQQQIVIHREYRPDRSDYDIALVRLQGPE EQCARFSSHVLPACLPLWRERPKQTASNCYITGWGDTGRAYSRTLQQAAPLL PKRFCEERYKGRFTGRMLCAGNLHEHKRVDSQCQGDSSGGLMCPGERSWV VYGVTSWGYGCGVKDSPGVYTKVSAFVPWIKSVTK
Research Area	Cell Biology
Source	E.coli
Target Names	PRSS12
Expression Region	631-874aa
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	43.4kDa
Protein Length	Partial
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.