



Recombinant Mouse Syntaxin-2 (Stx2)

Product Code	CSB-EP022898MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00262
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MRDRLPDLTACRTNDDGDTAVVIVEKDHFMDFGFFHQVEEIRSSIARIAQHVED VKKNHSIILSAPNPEGKIKEELEDLDKEIKKTANRIRGKLSIEQSCDQDENGNR TSVDLRIRRTQHSVLSRKFVDVMTEYNEAQILFRERSKGRIQRQLEITGRTTDD DELEEMLESGKPSIFISDIISDSQITRQALNEIESRHKDIMKLETSIRELHEMFMD MAMFVETQGEMVNNIERNVNSVDYVEHAKEETKKAIKYQSKARRKK
Source	E.coli
Target Names	Stx2
Protein Names	Recommended name: Syntaxin-2Alternative name(s): Epimorphin
Expression Region	1-265aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length of the Cytoplasmic domain
Target Details	The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified.
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.