

Datasheet for ABIN7556580

Syntaxin 1B Protein (STX1B) (AA 1-288) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Syntaxin 1B (STX1B)
Protein Characteristics:	AA 1-288
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syntaxin 1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stx1b Protein expressed in mammalian cells.
Sequence:	MKDRTQELRS AKDSDDEEEV VHVDRDHFMD EFFEQVEEIR GCIEKLSEDV EQVKKQHSAI LAAPNPDEKT KQELEDLTAD IKKTANKVRS KLKAIEQSIE QEEGLNRSSA DLRIRKTQHS TLRKFVEVM TEYNATQSKY RDRCKDRIQR QLEITGRITT NEELEDMLGS GKLAIFTDDI KMDSQMTKQA LNEIETRHNE IIKLETSIRE LHDMFVDMAM LVESQGEMID RIEYNVEHSV DYVERAVSDT KKA VKYQSKA RRRKKIMIIIC CVVLGVVLAS SIGGTLGL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Syntaxin 1B (STX1B)
Alternative Name:	Stx1b (STX1B Products)
Background:	Syntaxin-1B,FUNCTION: Potentially involved in docking of synaptic vesicles at presynaptic active zones (By similarity). May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm. {ECO:0000250, ECO:0000269 PubMed:15774481}.
Molecular Weight:	33.2 kDa
UniProt:	P61264

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months