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Datasheet for ABIN7546402

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

Overview

Quantity:	1 mg
Target:	Syntaxin 1B (STX1B)
Protein Characteristics:	AA 1-288
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syntaxin 1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat STX1B Protein expressed in mammalian cells.
Sequence:	MKDRTQELRS AKDSDDEEEV VHVDRDHFMD EFFEQVEEIR GCIEKLSADV EQVKKQHSAI LAAPNPDEKT KQLEDLTAD IKKTANKVRS KLKAIEQSIE QEEGLNRSSA DLRIRKTQHS TLSRKFVEVM TEYNATQSKY RDRCKDRIQR QLEITGRITTT NEELEDMLAS 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	Syntaxin 1B (STX1B)
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Alternative Name:	STX1B (STX1B Products)
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Background:	Syntaxin-1B (Syntaxin-1B1) (Syntaxin-1B2),FUNCTION: Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm (By similarity). {ECO:0000250}.
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Molecular Weight:	33.2 kDa
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UniProt:	P61266
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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