

Datasheet for ABIN7556308
STXBP4 Protein (AA 1-557) (His tag)



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Overview

Quantity:	1 mg
Target:	STXBP4
Protein Characteristics:	AA 1-557
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STXBP4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Stxbp4 Protein expressed in mammalien cells.
Sequence:	MSDGTASARS SSPLDRDPAF RVITVTKETG LGLKILGGIN RNEGPLVYIH EVIPGGDCYK DGRLKPGDQL VSINKESMIG VSFEEAKSII TRAKLRSESP WEIAFIRQKS YCGHPGNICC PSPQVSEDCG PQTSTFTLLS SPSETLLPKT SSTPQTQDST FPSCKAIQTK PEHDKTEHSP ITSLDNSPAD TSNADIAPAW TDDDSGPQGK ISLNPSVRLK AEKLEMALNY LGIQPTKEQR EALREQVQAD SKGTVSFGDF VQVARSLFCL QLDEVNNGVH EIPSILDSQL LPCDSLEADE VGKLRQERNA ALEERNVLKE KLESEKHRK QLIEELQNVK QEAKAVAEET RALRSRIHLA EAAQRQAHGM EMDYEEVIRL LEAEVSELKA QLADYSQNK ESVQDLRKRK TVLDCQLRKS EMARKAFKAS TERLLGFIEA IQEVLLDSSA PLSTLSERRA VLASQTSPL LARNGRSFPA TLLLESKELV RSVRAILDMD CLPYGWEEAY TADGIKYFIN HVTQTTSWIH PVMSALNLSC AESEEDCPR ELTDPKS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

STXBP4

Alternative Name:

Stxbp4 ([STXBP4 Products](#))

Background:

Syntaxin-binding protein 4 (Syntaxin 4-interacting protein) (STX4-interacting protein) (Synip),FUNCTION: Plays a role in the translocation of transport vesicles from the cytoplasm to the plasma membrane. Inhibits the translocation of SLC2A4 from intracellular vesicles to the plasma membrane by STX4A binding and preventing the interaction between STX4A and VAMP2. Stimulation with insulin disrupts the interaction with STX4A, leading to increased levels of SLC2A4 at the plasma membrane. May also play a role in the regulation of insulin release by pancreatic beta cells after stimulation by glucose. {ECO:0000269|PubMed:10394363, ECO:0000269|PubMed:12855681}.

Molecular Weight:

61.7 kDa

UniProt:

[Q9WV89](#)

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.

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
