

Datasheet for ABIN7556195
SYT6 Protein (AA 1-511) (His tag)



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Overview

Quantity:	1 mg
Target:	SYT6
Protein Characteristics:	AA 1-511
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYT6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Syt6 Protein expressed in mammalian cells.
Sequence:	<p>MSGVWGAGGP RCQAALAVLA SLCRARPPPL GLDVETCRSF ELQSPEQSPS AADSGTSVSL LAVVVIVCGV ALVAVFLFLF WKLCWMPWRK KEASSPSSAN PASETQSPS SRGNMADKLK DPSALGFLEA AVKISHTSPD IPAEVQMSVK EHIMRHTKLQ RQTTEPASST RHTSFKRHLP RQMHVSSVDY GNELPPAAAE QPTSIGRIKP ELYKQKSVDG DDAKSEAAKS CGKINFSLRY DYESETLIVR ILKAFDLPK DFCGSSDPYV KIYLLPDRKC KLQTRVHRKT LNPTFDENFH FPVPYEELAD RKLHLSVDF DRFSRHDMIG EVILDNLFEA SDLSRETSIW KDIQYATSES VDLGEIMFSL CYLPTAGRLT LTVIKCRNLK AMDITGYSDP YVKVSLLCDG RRLKKKKTTI KKNTLNPIYN EAIIFDIPPE NMDQVSLLIS VMDYDRVGHN EIIGVCRVGI NAEGLGRDHW NEMLAYPRKP IAHWHSLVEV KKSFKEGTPR L 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.</p>

Product Details

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:**

- 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: SYT6

Alternative Name: Syt6 ([SYT6 Products](#))

Background: Synaptotagmin-6 (Synaptotagmin VI) (SytVI),FUNCTION: May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (By similarity). May mediate Ca(2+)-regulation of exocytosis in acrosomal reaction in sperm (PubMed:15774481). {ECO:0000250, ECO:0000269|PubMed:15774481}.

Molecular Weight: 57.2 kDa

UniProt: [Q9R0N8](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
