

Datasheet for ABIN7544062
SYT16 Protein (AA 1-645) (His tag)



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Overview

Quantity:	1 mg
Target:	SYT16
Protein Characteristics:	AA 1-645
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYT16 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYT16 Protein expressed in mammalian cells.
Sequence:	<p>MVLAMASQDV QNFFQPFSW ISRVYEALQQ AGDMLSASLV NISKQDSKLS DKLDQDLNII QIQETYFEDE EQDNDWSQED ANSLFLEVDH FSCCNSDLQD SAQNSSPSLS QHAKDSCSTM SQWPNWASDD RKLPHVLSSI AEEHHLEKQ RSLQHGFD S QLPGTLETVN GKKQVNSFGD DEELSTSSDS DEEVIKQFEI SVSRSQSF RS VTSEK GKQTG LEQKPKFSRS LLTHGEDGTE VSACEDLDGA SQRRYSENLS YGEDDHIPAH SQSPCERGDA KHHGTSHQES SVVQSLRRQS TEGSLEMETA FNSRGFEDSY ATDSSSMWSP EEQDRTNLQV PSGVSEPI SK CGDL DVIFEY RAASQKLTVT IVRAQGLPK DRSGVNSWQV HVLLPGKKH RGRTNIQRGP NPVFREKVTF AKLEPRDVAA CAVRFRLYAA RKMTRERMMG EKLFYLSHLH PEGEMKVTLV LEPRSNISSG GSPLSPSAVS HSDSTSSTQS LSHGGAPPELL VGLSYNATTG RLSVEMIKGS HFRNLAVNRA PDTYGKLFLL NSVGQEMSRC KTSIRRGQPN PVYKETFVFQ VALFQLSDVT LMISVYNRRRT MKRKEMIGWI ALGQNSSGEE EQDHWEEMKE TKGQQICRWH TLLES Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a</p>

Product Details

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:

- 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: SYT16

Alternative Name: SYT16 ([SYT16 Products](#))

Background: Synaptotagmin-16 (Chr14Synt) (Synaptotagmin 14-like protein) (Synaptotagmin XIV-related protein),FUNCTION: May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Is Ca(2+)-independent.

Molecular Weight: 72.3 kDa

UniProt: [Q17RD7](#)

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
