

Datasheet for ABIN7558224  
**SYT16 Protein (AA 1-639) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SYT16
Protein Characteristics:	AA 1-639
Origin:	Mouse
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:	MVLTMASQDV QNFFQPLSSW LSRVYEALQQ AGDALSASLV LLSKHDSALS DKPEQDLDA QIQQTYLEDE EQDHDGSPPE ASSLFLEEDH FLSNSDLQD SVQTASPTLG QQAEDSSSVI PPWPSKIPGA PKPQPVLSSI AEEDHHSERQ RCGRQHSGST LEKVNGRKQV NSFGDDEEPS TSSEDEDVT KQFKISVSRS QSFRSGVSEK GKTTELEQKI KCKRLLCTHQ EDSAEGSACE DLDRTSQLSY SEILSYEDRP ISILPQSPFE SRNVRHHGPC RPEMGMVRSRSL GRPCADGVLE TETAFVSRGF EDSYATHSSS LWSPEEQDGT SLQVPHRLL E PISKCGDL DV IFEYRAVTQK LTVTIVRAQG LPDKDRSGVN SWQVHIVLLP SKKQRGKTNI QRGPNPVFKE KVTFTKLEPR DVASCAVRFR LYAARKMTRE RMMGEKLFCL SHLHPEGEMK VTLVLEPRSN LSSGESPLSP SVVSHSDSAS STQSLSHGGV PELLVGLSYN ATTGRLSVEM IKGSHFRNLA ANRAPDITYGK LFLNLCVGQE MSRCKTSIRR GQPNPVYKET FVFQVALFQL SDVTLMISY SRRTMKRKEM IGWVALGQNS SGEEEQEHWE EMKESKGQQT CRWHTLLES <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b>

## Product Details

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**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

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Target: SYT16

Alternative Name: [Syt16 \(SYT16 Products\)](#)

Background: Synaptotagmin-16 (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. {ECO:0000269|PubMed:12801916}.

Molecular Weight: 71.3 kDa

UniProt: [Q7TN83](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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