

Datasheet for ABIN7560435
SYTL1 Protein (AA 1-567) (His tag)



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Overview

Quantity:	1 mg
Target:	SYTL1
Protein Characteristics:	AA 1-567
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYTL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sytl1 Protein expressed in mammalian cells.
Sequence:	MPQRGHPSQE RLWALPSLPM AHGPGSEVEG LLDLSFLTEE EQEAISDVLK RDAHLRQLEE GRVSKLRASL EDPWQLKILT GDWFQEAR SQ RHHHAHFGSD LVRASIRRK SPKGDQALGS DGEAEAAGED TIEGEPESRV SIEVAAPERS TETQGPLDSS PYVPSKASEG QEEEPQDHEC ELEAPGEGGV QVAEADPELD PEQKAEQESQ PTPAQSKATS KILENGEEAP GLGPSLDRML SSSSSVSSLN SSTLSGSLMS LSGEEAGTVQ VRGSVLFSLH YEPGTSELRV QVIQCQGLAA ARRRRSDPYV KSYLLPDKQS KRKTSVKKRN LNPIFNETLR HSVQQADLPG RVLSSLVWHR ESLGRNIFLG EVEVPLDTWN WDSEATWLPL QPRVPPSPDE LPSRGLLSLS LKYVPAGSEG GGQPQSGELH FWVKEAQLSV PLRPGSLD TY IQCSVLPDDS RASRQRTRVV RRSLSPVFNH TMVYDGF GPA DLRQACAELS LWDHGALASR QLGGTRLSLG TGSSYGLQVP WMDSTPEEKQ LWQTLLERPC EWVDGLLPLR TNLVPRA 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.

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: SYTL1

Alternative Name: Sytl1 ([SYTL1 Products](#))

Background: Synaptotagmin-like protein 1 (Exophilin-7),FUNCTION: Binds phosphatidylinositol 3,4,5-trisphosphate (By similarity). May play a role in vesicle trafficking. Acts as a RAB27A effector protein and may play a role in cytotoxic granule exocytosis in lymphocytes. {ECO:0000250, ECO:0000269|PubMed:18266782}.

Molecular Weight: 62.4 kDa

UniProt: [Q99N80](#)

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.

Application Details

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