

Datasheet for ABIN7544073  
**SYTL1 Protein (AA 1-562) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SYTL1
Protein Characteristics:	AA 1-562
Origin:	Human
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 GLWALPSLPM AHGPKPETEG LLDLSFLTEE EQEAIAGVLQ RDARLRQLEE GRVSKLRASV ADPGQLKILT GDWFQEARSQ RHHNAHFGSD LVRASMRRKK STRGDQAPGH DREAEEAVKE KEEGPEPRLT IDEAPQERLR ETEGPDFPSP SVPLKASDPE EASQAQEDPG QGDQQVCAEE ADPELEPASG GEQEPRPQQA QTKAASQILE NGEEAPGPDP SLDRMLSSSS SVSSLNSSTL SGSQMSLSGD AEAQVVRGSV HFALHYEPGA AELRVHVIQC QGLAAARRRR SDPYVKSYLE PDKQSKRKA VKKRNLNPVF NETLRYVVPQ AELQGRVLSL SVWHRESLGR NIFLGEVEVP LDTWDWGSEP TWLPLQPRVP PSPDDLPSRG LLALSLKYVP AGSEGAGLPP SGELHFWVKE ARDLLPLRAG SLDTYVQCFV LPDDSQASRQ RTRVRRSLS PVFNHTMVDY GFGPADLRQA CAELSLWDHG ALANRQLGGT RLSLGTGSSY GLQVPWMDST PEEKQLWQAL LEQPCEWVDG LLPLRTNLAP RT <b>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.</b>

## Product Details

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** SYTL1

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

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**Background:** Synaptotagmin-like protein 1 (Exophilin-7) (Protein JFC1),FUNCTION: May play a role in vesicle trafficking (By similarity). Binds phosphatidylinositol 3,4,5-trisphosphate. Acts as a RAB27A effector protein and may play a role in cytotoxic granule exocytosis in lymphocytes (By similarity). {ECO:0000250, ECO:0000269|PubMed:11278853, ECO:0000269|PubMed:18266782}.

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**Molecular Weight:** 61.9 kDa

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**UniProt:** [Q8IYJ3](#)

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## 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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## Application Details

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Restrictions: For Research Use only

## Handling

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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