

Datasheet for ABIN7556199
SYTL4 Protein (AA 1-673) (His tag)



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Overview

Quantity:	1 mg
Target:	SYTL4
Protein Characteristics:	AA 1-673
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYTL4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sytl4 Protein expressed in mammalian cells.
Sequence:	MSEILDLSFL SEMERDLILG VLQRDEELRK ADEKRIRRLK NELLEIKRKG AKRGSQHYSD RTCARCQEGL GRLIPKSSSTC VGCNHLVCRE CRVLESNGSW RCKVCSKEIE LKKATGDWIFY DQKVNRFDYR TGSEIIRMSL RQKPAVNKRE TAGQSLLQQT QMGDIWPGRR IIQEQQQREQ SVLFEVPKTR SGKSALEAES ESLDSYTADS DSTSRRDSDL KSGLPFEWKK MSAPKSQVEK EIPPGNQNAV CGDEGDMVFK KNTKKVLRPS EYTKSVIDLR PEDVAQESGI LGDRSKSVPG LSVDMEEEEEE EEEDIDHLVK LHRQKLARGS MQSGSSMSTL GSIMSIYSEA GDFGNISVTG KIAFSLKFEQ KTQTLVIHVK ECHQLAYADE AKKRSPYVK TYLLPDKSRQ GKRKTSIKRD TINPLYDETF RYEISESLLA QRTLQFSVWH HGRFGRNTFL GEAEVHMDSW KLDKKLDHCL PLHGKISTES SPGLPAHKGE LVVSLKYIPA SKLPVGGDRK KSKGGEGGEL QVWIKEAKNL TAAKSGGTSD SFVKG YLLPM RNKASKRKTP VMKKTLSPHY NHTFVYNGVR LEDLQHMCLE LTVWDREPLA SNDFLGGVRL GVG TGISNGE VVDWMDSTGE EVSLWQKMRQ YPGSWAEGTL QLRSSMVKQK LGV Sequence without tag. The proposed Purification-Tag is based on

Product Details

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.

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: SYTL4

Alternative Name: SytI4 ([SYTL4 Products](#))

Background: Synaptotagmin-like protein 4 (Exophilin-2) (Granuphilin),FUNCTION: Modulates exocytosis of dense-core granules and secretion of hormones in the pancreas and the pituitary. Interacts with vesicles containing negatively charged phospholipids in a Ca(2+)-independent manner. {ECO:0000269|PubMed:12590134}.

Molecular Weight: 76.0 kDa

UniProt: [Q9R0Q1](#)

Pathways: [Negative Regulation of Hormone Secretion](#)

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
