

Datasheet for ABIN7564834
SNX18 Protein (AA 1-614) (His tag)



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Overview

Quantity:	1 mg
Target:	SNX18
Protein Characteristics:	AA 1-614
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNX18 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Snx18 Protein expressed in mammalian cells.
Sequence:	<p>MALRARALYD FKSENPGEIS LREHEVLSLC SEQDIEGWLE GINSRGDRGL FPASYVQVIR APEGPPADG GPGAPARYAN VPPGGFEPLP AAPPAAFPLP LQPQASPGSF QPPGAGFPYQ GGALQPSPQQ LYGGYQASLG SDDDWDEWD DSSTVADEPG ALGSGAYPDL DGSSSAGGGA AGRYRLSTRS DLSLGSRGVS APPAPSVWSQ ELGHGEPQPQ SLLHLRQVGR GGLRAGRGVR LREGWGQAVR GAGSYGPEWQ ENPYPFQCTI DDPTKQTKFK GMKSYISYKL VPTHTQVPVH RRYKHF DWLY ARLAEKFPVI SVPHLPEKQA TGRFEEDFIS KRRKGLIWWM NHMASHPVLA QCDVFQHFLT CPSSTDEKAW KQGKRKAEKD EMVGANFFLT LSTPPAAALD LQEVESKIDG FKCFTKKMDD SALQLNHTAN EFARKQVTGF KKEYQKVGQS FRGLSQAFEL DQQAQFSVGLN QAI AFTGDAY DAIGELFAEQ PRQDLDPVMD LLALYQGH LA NFPDIIHVQK GALT KV KESR RHVEEGKMEV QKADGIQDRC NTISFATLAE IHHFHQIRVR DFKSQMQHFL QQQIIFQKV TQKLEELHK YDSV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

Product Details

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: SNX18

Alternative Name: Snx18 ([SNX18 Products](#))

Background: Sorting nexin-18 (Sorting nexin-associated Golgi protein 1),FUNCTION: Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Plays a role in endocytosis via clathrin-coated pits, but also clathrin-independent, actin-dependent fluid-phase endocytosis. Plays a role in macropinocytosis. Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation. Stimulates the GTPase activity of DNM2. Promotes DNM2 location at the plasma membrane. Together with DNM2, involved in autophagosome assembly by regulating trafficking from recycling endosomes of phospholipid scramblase ATG9A. {ECO:0000250|UniProtKB:Q96RF0}.

Target Details

Molecular Weight: 67.9 kDa

UniProt: [Q91ZR2](#)

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