

Datasheet for ABIN7558932  
**SNX17 Protein (AA 1-470) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SNX17
Protein Characteristics:	AA 1-470
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNX17 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Snx17 Protein expressed in mammalian cells.
Sequence:	MHFSIPETES RSGDSGGSAY VAYNIHVNGV LHCRVRYSQL LGLHEQLRKE YGANVVPAPF PKKLFSLTPA EVEQRREQLE KYMQAVRQDP LLGSSETFNS FLRRAQGETQ QVPTEEVSL VLLSNGQKVL VTVLTSDQTE DVLEAVAACL DLPDDLIGYF SLFLVREKED GAFSFRKQLQ EFELPYVSVT SLRSQYKIV LRKSYWDSAY DDDVMENRVG LNLLYAQTVS DIEHWILVT KEQHRQLKSL QEKVSKKEFL RLAQTLRHYG YLRFDACVAD FPEKDCPVVV SAGNSELSLQ LRLPGQQLRE GSFVRTRMRC WRVTSSVPLP SGGTSSPSRG RGEVRLELAF EYLMSKDRLQ WVTITSPQAI MMSICLQSMV DELMVKKSGG SIRKMLRRRV GGTLLRRSDSQ QAVKSPPLLE SPDASRESMV KLSSKLSAVS LRGIGSPSTD ASASAVHGNF AFEGIGDEDL <b>Sequence without tag.</b> <b>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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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:

SNX17

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### Alternative Name:

Snx17 ([SNX17 Products](#))

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### Background:

Sorting nexin-17,FUNCTION: Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels (PubMed:12169628, PubMed:16052210). Binds to NPXY sequences in the cytoplasmic tails of target cargos (By similarity). Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits (By similarity). Also required for maintenance of normal cell surface levels of APP and LRP1 (PubMed:16052210, PubMed:18276590). Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)) (By similarity).

{ECO:0000250|UniProtKB:Q15036, ECO:0000269|PubMed:12169628, ECO:0000269|PubMed:16052210, ECO:0000269|PubMed:18276590}.

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### Molecular Weight:

52.8 kDa

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## Target Details

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UniProt: [Q8BVL3](#)

## 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.

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