

Datasheet for ABIN7546191

Sorting Nexin 4 Protein (SNX4) (AA 1-450) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Sorting Nexin 4 (SNX4)
Protein Characteristics:	AA 1-450
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sorting Nexin 4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SNX4 Protein expressed in mammalian cells.
Sequence:	MEQAPPDPER QLQPAPLEPL GSPDAGLGAA VGKEAEGAGE ESSGVDTMTH NNFWLKKIEI SVSEAEKRTG RNAMNMQETY TAYLIETRSV EHTDGQSVLT DSLWRRYSEF ELLRSYLLVY YPHIVVPLP EKRAEFVWHK LSADNMDPDF VERRRIGLEN FLLRIASHPI LCRDKIFYLF LTQEGNWKET VNETGFQLKA DSRLKALNAT FRVKNPDKRF TDLKHYSDEL QSVISHLLRV RARVADRLYG VYKVHGNYGR VFSEWSAIEK EMGDGLQSAG HHMDVYASSI DDILEDEEHY ADQLKEYLFY AEALRAVCRK HELMQYDLEM AAQDLASKKQ QCEELVTGTV RTFSLKGMTT KLFQGETPEQ REARIKVL EE QINEGEQQLK SKNLEGREFV KNAWADIERF KEQKNRDLKE ALISYAVMQI SMCKKGIQVW TNAKECFSKM 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

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, Western Blot

Grade:

custom-made

Target Details

Target:

Sorting Nexin 4 (SNX4)

Alternative Name:

SNX4 ([SNX4 Products](#))

Background:

Sorting nexin-4,FUNCTION: Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed:12668730, PubMed:17994011, PubMed:32513819, PubMed:33468622). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed:17994011). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed:32513819, PubMed:33468622). {ECO:0000269|PubMed:12668730, ECO:0000269|PubMed:17994011, ECO:0000269|PubMed:32513819, ECO:0000269|PubMed:33468622}.

Molecular Weight:

51.9 kDa

UniProt:

[O95219](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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
