

Datasheet for ABIN7555544  
**SNX33 Protein (AA 1-574) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SNX33
Protein Characteristics:	AA 1-574
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNX33 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SNX33 Protein expressed in mammalian cells.
Sequence:	<p> MALKGRALYD FHSENKEEIS IQQEDLVIF SETSLDGWLQ GQNSRGETGL FPASYVEIVR  SGISTNHADY SSSPAGSPGA QVSLYNPSV ASPARSGGGS GFLSNQGSFE EDDDDDWDDW  DDGCTVVEEP RAGGLGTNGH PPLNLSYPGA YPSQHMAFRP KPPLERQDSL ASAKRGSVVG  RNLNRFSCFV RSGVEAFILG DVPMMAKIAE TYSIEMGPRG PQWKANPHPF ACSVEDPTKQ  TKFKGIKSYI SYKLTPHAA SPVYRRYKHF DWLYNRLLHK FTVISVPHLP EKQATGRFEE  DFIEKRKRRL ILWMDHMTSH PVLSQYEGFQ HFLSCLDDKQ WKMGKRRAEK DEMVGASFLL  TFQIPTEHQD LQDVEDRVDT FKAFSKKMDD SVLQLSTVAS ELVRKHVGGF RKEFQKLGSA  FQAISHSFQM DPPFCSEALN SAISHTGRY EAIGEMFAEQ PKNDLFQMLD TLSLYQGILLS  NFPDIIHLQK GAFAKVESQ RMSDEGRMVQ DEADGIIRRC RVVGFALQAE MNHFHQRREL  DFKHMMQNYL RQQLIFYQRV GQLEKTLRM YDNL </p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

**of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SNX33
Alternative Name:	SNX33 ( <a href="#">SNX33 Products</a> )
Background:	<p>Sorting nexin-33 (SH3 and PX domain-containing protein 3),FUNCTION: Plays a role in the reorganization of the cytoskeleton, endocytosis and cellular vesicle trafficking via its interactions with membranes, WASL, DNM1 and DNM2. Acts both during interphase and at the end of mitotic cell divisions. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Modulates endocytosis of cell-surface proteins, such as APP and PRNP, this then modulates the secretion of APP and PRNP peptides. Promotes membrane tubulation (in vitro). May promote the formation of macropinosomes. {ECO:0000269 PubMed:18353773, ECO:0000269 PubMed:18419754, ECO:0000269 PubMed:19487689, ECO:0000269 PubMed:20964629, ECO:0000269 PubMed:21048941, ECO:0000269 PubMed:22718350}.</p>

## Target Details

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Molecular Weight: 65.3 kDa

UniProt: [Q8WV41](#)

## Application Details

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

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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