

Recombinant Human SNX3, His-tagged

Cat. No. SNX3-3584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNX3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-162 aa).
Species	Human
Source	E.coli
Description	Sorting nexin 3(SNX3), also known as SDP3, is a member of the large family of hydrophilic proteins that interact with a variety of receptor types and are involved in intracellular trafficking. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. SNX3 comprises a distinct subgroup of nexins that share less sequence similarity outside of the PX domain and have dramatically different binding affinities for the tyrosine kinase receptors.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl
Molecular Weight	20.9 kDa (182aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAETVADTRR LITKPQNLND AYGPPSNFLE IDVSNPQTVG VGRGRFTTYE IRVKTNLPIF KLKESTVRRR YSDFEWLRS

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LERESKVVVP PLPGKAFLRQ LPFRGDDGIF DDNFIEERKQ GLEQFINKVA
GHPLAQNERC LHMFLQDEII DKSYPSPKIR HA

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [SNX3 sorting nexin 3 \[Homo sapiens \]](#)

Official Symbol SNX3

Synonyms

SNX3; SDP3; Grd19; MCOPS8; MGC17570; sorting nexin 3; sorting nexin-3; sorting nexin 3A; OTTHUMP00000016941; OTTHUMP00000046475; OTTHUMP00000046476

Gene ID [8724](#)

mRNA Refseq [NM_003795](#)

Protein Refseq [NP_003786](#)

MIM [605930](#)

UniProt ID [O60493](#)

Chromosome Location 6q21

Function

lipid binding; phosphatidylinositol-3-phosphate binding; protein binding; protein phosphatase binding

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