

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA