

AR39041PU-L

Human Sorting nexin-3 (SNX3) (1-162, His-tag) - Purified

Alternate names:

Protein SDP3

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[O60493](#)

NCBI:

[NP_003786](#)

GeneID:

[8724](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

Description:

Recombinant human SNX3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MAETVADTRR LITKPQNLND AYGPSPNFLE IDVSNPQTVG
VGRGRFTTYE IRVKTNLPIF KLKESTVRRR YSDFEWRSE LERESKVVVP PLPGKAFLRQ
LPFRGDDGIF DDNFIEERKQ GLEQFINKVA GHPLAQNERC LHMFLQDEII DKSYPSPKIR HA

Molecular weight: 20.9 kDa (182aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Recombinant human SNX3, 1-162 aa, His-tagged

