Recombinant human SNX3 protein

Catalog Number: ATGP1101

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-162aa

UniProt No.
O60493

NCBI Accession No.
NP_003786

Alternative Names
Sorting nexin 3, SDP3

PRODUCT SPECIFICATION

Molecular Weight
20.9 kDa (182aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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Amino acid Sequence

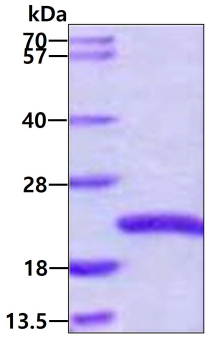
<MGSSHHHHHH SSGLVPRGSH> MAETVADTRR LITKPQNLND AYGPPSNFLE IDVSNPQTVG VGRGRFTTYE IRVKTNLPIF KLKESTVRRR YSDFEWLRSE LERESKVVVP PLPGKAFLRQ LPFRGDDGIF DDNFIEERKQ GLEQFINKVA GHPLAQNERC LHMFLQDEII DKSYTPSKIR HA

General References

Horazdovsky B F., et al. (1997) Mol Biol Cell. 8:1529-1542.
Haft C R., et al. (1998) Mol Biol Cell. 18:7278-7287.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.