

SNX3, 1-162aa, Human, His tag, E.coli

Cat.NO.: TP03998

3th Edition

Synonyms:Sorting nexin 3, SDP3

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.

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

Sequences:

MGSSHHHHHSSGLVPRGSHMAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNPQTVGVGRGRFTTYEIRVKT
NLPIFKLKESTVRRRYSDFEWLRSELERESKVVPPLPGKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVAGH
PLAQNERCLHMFLQDEIIDKSYTPSKIRHA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.