Recombinant Human SNX3, His-tagged

Cat. No. SNX3-31428TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SNX3 with an N terminal His tag; 182 amino acids with tag, Predicted MWt 20.9 kDa.
Species	Human
Source	E.coli
ProteinLength	162 amino acids
Description	This gene encodes a member of the sorting nexin family. Members of this family cont ain a phox (PX) domain, which is a phosphoinositide binding domain, and are involve d in intracellular trafficking. This protein does not contain a coiled coil region, like mos t family members. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking.
Conjugation	HIS
Molecular Weight	20.900kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNP QTVGVGRGRFTTYEIRVKTNLPIFKLKESTVRRRYSDFEWLRSELERESKVVVPPLP GKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVAGHPLAQNERCLHMFLQDEIID KSYTPSKIRHA
Sequence Similarities	Belongs to the sorting nexin family.Contains 1 PX (phox homology) domain.

GENE INFORMATION

Gene Name	SNX3 sorting nexin 3 [Homo sapiens]
Official Symbol	SNX3
Synonyms	SNX3; sorting nexin 3; sorting nexin-3; Grd19;
Gene ID	8724
mRNA Refseq	NM_003795
Protein Refseq	NP_003786
MIM	605930
Uniprot ID	O60493
Chromosome Location	6q21

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

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