

Recombinant Human SNX1, T7 -tagged

Cat. No. SNX1-30610TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human SNX1 with N-terminal T7 tag.
Species	Human
Source	E.coli
Description	This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the sorting nexin family. Contains 1 BAR domain. Contains 1 PX (phox homology) domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	SNX1 sorting nexin 1 [Homo sapiens]
Official Symbol	SNX1
Synonyms	SNX1; sorting nexin 1; sorting nexin-1; HsT17379; MGC8664; SNX1A; Vps5;
Gene ID	6642
mRNA Refseq	NM_001242933
Protein Refseq	NP_001229862
MIM	601272
Uniprot ID	Q13596
Chromosome Location	15q22.31
Pathway	TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
Function	lipid binding; phosphatidylinositol binding; protein binding; protein transporter activity;

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