Recombinant Human SNX1 Protein, His-tagged

Cat. No. SNX1-2717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNX1 Protein (Met1-Ser522) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser522
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.8 kDa Accurate Molecular Mass: 68 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 95%

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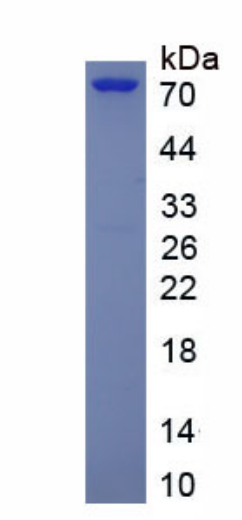
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in ddH2O to a concentration of 0.1-0.4 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SNX1 sorting nexin 1 [Homo sapiens (human)]
Official Symbol	SNX1
Synonyms	SNX1; sorting nexin 1; sorting nexin-1; HsT17379; MGC8664; SNX1A; Vps5; sorting nexin 1A; VPS5;
Gene ID	6642
mRNA Refseq	NM_001242933
Protein Refseq	NP_001229862
MIM	601272

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UniProt ID	Q13596



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