

## SNX1 Human

**Description:** SNX1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 415 amino acids (146-522 a.a.) and having a molecular mass of 48 kDa. SNX1 is fused to 38 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-672

For research use only.

**Synonyms:** HsT17379, SNX1A, Vps5.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGGSMTV  
GITDPEKIGD GMNAYVAYKV TTQTSPLFR SKQFAVKRRF SDFLGLYEKLSEKHSQNGFI  
VPPPPEKSLI GMTKVKGKE DSSSAEFLEK RRAALERYLQ RIVNHPTMLQ DPDVREFLEK  
EELPRAVGTQ TLSGAGLLKMFNKATDAVSK MTKMNESDI WFEEKLQVEE CEEQRLRLKH  
AVVETLVNHR KELA

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

The SNX1 0.25mg/ml solution contains 20mM Tris-HCl buffer pH-8, 0.1M NaCl, 1mM DTT and 10% glycerol.

**Stability:**

SNX1 although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.

**Usage:**

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

SNX1 belongs to the large family of hydrophilic proteins that interact with a range of receptor types that participate in intracellular trafficking. SNX1 and the associated splice variant, SNX1A, bind the EGFR, enable its transport to the lysosome, and thus contribute to the degradation of the receptor. SNX1 is related with cellular membranes, and they, also, associate with EGF, PDGF and Insulin receptor tyrosine kinases.

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