

## SNX3 Human

**Description:** SNX3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-162 a.a) and having a molecular mass of 20.9kDa. SNX3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-253

For research use only.

**Synonyms:** Sorting nexin-3, Protein SDP3, SNX3, SDP3, Grd19, MCOPS8.

**Source:** Escherichia Coli.

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

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MAETVADTRR LITKPQNLND  
AYGPPSNFLE IDVSNPQTVG VGRGRFTTYE IRVKTNLPIF KLKESTVRRR YSDFEWRSE  
LERESKVVP PLPGKAFLRQ LPFRGDDGIF DDNFIEERKQ GLEQFINKVA GHPLAQNERC  
LHMFLQDEII DKSYPISKIR HA.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

SNX3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl.

**Stability:**

SNX3 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Sorting nexin 3 (SNX3) belongs to the large family of hydrophilic proteins, which interact with various receptor types and are involved in intracellular trafficking. SNX3 interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. SNX3 comprises a distinct subgroup of nexins, which share less sequence similarity outside of the PX domain and have significantly different binding affinities for the tyrosine kinase receptors.

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