

## 32-4915: Recombinant Human Sorting Nexin 3

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

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	SNX3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl.
<b>Storage condition :</b>	SNX3 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MAETVADTRR LITKPQLND AYGPPSNFLE IDVSNPQTVG VGRGRFTTYE IRVKTNLPIF KLKESTVRRR YSDFEWRSE LERESKVVVP PLPGKAFLRQ LPFRGDDGIF DDNFIEERKQ GLEQFINKVA GHPLAQNERC LHMFLQDEII DKSYPKSKIR HA.