

## 32-4914: Recombinant Human Sorting Nexin 1

**Alternative Name :** HsT17379,SNX1A,Vps5.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	5 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The SNX1 0.25mg/ml solution contains 20mM Tris-HCl buffer pH-8, 0.1M NaCl, 1mM DTT and 10% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGGSM TV GITDPEKIGD GMNAYVAYKV TTQTSLPLFR SKQFAVKRRF SDFLGLYEKLS EKHSQNGFI VPPPPEKSLI GMTKVKVGKE DSSSAEFLEK RRAALERYLQ RIVNHPTMLQ DPDVREFLEK EELPRAVGTQ TLSGAGLLKMFNKATDAVSK MTIKMNESDI WFEEKLQEVE CEEQLRKLH AVVETLVNHR KELALNTAQF AKSLAMLGSS EDNTALSRAL SQLAEVEEKIEQLHQEQANN DFFLLAELLS DYIRLLAIVR AAFDQRMKTW QRWQDAQATL QKKREAEARL LWANKPDKLQ QAKDEILEWE SRVTQYERDFERISTVVRKE VIRFEKEKSK DFKNHVIKYL ETLLYSQQL AKYWEAFLPE AKAIS.