
Product Data Sheet

Product Name: SNX1 Human
 Cat. No.: GP24652
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	HsT17379; SNX1A; Vps5.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGGSM TV GITDPEKIGD GMNAYVAYKV TTQTS LPLFR SKQFAVKRRF SDFLGLYEKLSEKHSQNGFI VPPPPEKSLI GMTKVKVGKE DSSSAEFLEK RRAALERYLQ RIVNHPTMLQ DPDVREFLEK EELPRAVGTQ TLSGAGLLKMFNKATDAVSK MTIKMNESDI WFEEKLQ EVE CEEQRLRKLH AVVETLVNHR KELALNTAQF AKSLAMLGSS EDNTALSRAL SQLAEVEEKIEQLHQEQANN DFFLLAELLS DYIRLLAIVR AAFDQRMKTW QRWQDAQATL QKKREAEARL LWANKPDKLQ QAKDEILEWE SRVTQYERDFERISTVVRKE VIRFEKEKSK DFKNHVIKYL ETLLYSQQQL AKYWEAFLPE AKAIS.		
Formulation	The SNX1 0.25mg/ml solution contains 20mM Tris-HCl buffer pH-8, 0.1M NaCl, 1mM DTT and 10% glycerol.		

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 the receptor tyrosine kinases.

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

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.

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