

## Product datasheet for **TP301844**

### SNX1 (NM\_003099) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sorting nexin 1 (SNX1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201844 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASGGGGCSASERLPPFPGLPESEGAAGGSEPEAGDS DTEGEDIFTGAAVSKHQSPKITTSLPINN  
GSKENGIHEEQDQEPQDLFADATVELSLDSTQNNQKKVLAKTLISLPPQEATNSSKPQPTYEELEEEEQE  
DQFDLTVGITDPEKIGDGMNAYVAYKVTTQTSPLFRSKQFAVKRRFSDFLGLYEKLSKHSQNGFIVPP  
PPEKSLIGMTKVKVGKEDSSSAEFLEKRRALERYLQRIVNHPTMLQDPDVREFLEKEELPRAVGTQTLS  
GAGLLKMFNKATDAVSKMTIKMNESDIWFEEKLQEVECEEQLRKLHAVVETLVNHRKELALNTAQFAKS  
LAMLGSSDNTALSRALSQLAEEVEEKIEQLHQEQANNDFFLLAELLSYIRLLAIVRAAFDQRMKTWQRW  
QDAQATLQKKREAEARLLWANKPKLQQAQKDEILEWESRVTQYERDFERISTVVRKEVIRFEKEKSKDFK  
NHVIKYLETLLYSQQLAKYWEAFLPEAKAIS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	58.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_003090](#)

Locus ID: 6642

UniProt ID: [Q13596](#)

RefSeq Size: 8332

Cytogenetics: 15q22.31

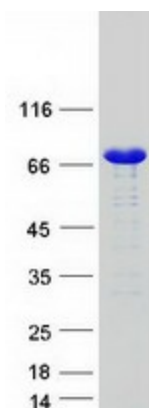
RefSeq ORF: 1566

Synonyms: HsT17379; VPS5

**Summary:** This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified SNX1 protein (Cat# TP301844). The protein was produced from HEK293T cells transfected with SNX1 cDNA clone (Cat# [RC201844]) using MegaTran 2.0 (Cat# [TT210002]).