

Recombinant Human SNX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNX1-2309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNX1 MS Standard C13 and N15-labeled recombinant protein (NP_003090) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	59.1 kDa
AA Sequence	MASGGGGCSASERLPPFPGLPESEGAAGGSEPEAGDSDTEGEDIFTGAAVVS KHQSPKITTSLPINNGSKENGIHEEQDQEPQDLFADATVELSLDSTQNNQKKVLAKTL ISLPPQEATNSSKPQPTYEELEEEEQEDQFDLTVGITDPEKIGDGMNAYVAYKVTTQ TSLPLFRSKQFAVKRRFSDFLGLYEKLSEKHSQNGFIVPPPPEKSLIGMTKVKGKE DSSSAEFLEKRRALERYLQRIVNHPTMLQDPDVREFLEKEELPRAVGTQTLSGAGL LKM FNKATDAVSKMTIKMNESDIWFEEKLQEVECEEQRLRLKHAVVETLVNHRKELA

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LNTAQFAKSLAMLGSSSEDNTALSRALSQLAEEVEEKIEQLHQEQANNDFFLLAELLSD
YIRLLAIVRAAFDQRMKTWQRWQDAQATLQKKREAEARLLWANKPDKLQQAQKDEIL
EWESRVTQYERDFERISTVVRKEVIRFEKEKSKDFKNHVIKYLETLLYSQQQLAKYW
EAFLPEAKAISTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SNX1 sorting nexin 1 [Homo sapiens (human)]

Official Symbol SNX1

Synonyms SNX1; sorting nexin 1; sorting nexin-1; HsT17379; MGC8664; SNX1A; Vps5; sorting nexin 1A; VPS5;

Gene ID 6642

mRNA Refseq NM_003099

Protein Refseq NP_003090

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MIM	601272
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UniProt ID	Q13596
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