

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

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

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | SNX1 MS Standard C13 and N15-labeled recombinant protein (NP_003090) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 59.1 kDa  |
| <b>AA Sequence</b>      | MASGGGGCSASERLPPFPFGLPESEGAAGGSEPEAGDS DTEGEDIFTGAAV VSK<br>HQSPKITTSLPINNGSKENGIH EEQDQEPQDLFADATVELSLDSTQNNQKKVLAKTL<br>ISLPPQEATNSSKPQPTYEELEEE EQEDQFDLTVGITDPEKIGDGMNAYVAYKVTTQ<br>TSLPLFRSKQFAVKRRFSDFLGLYEKLSEKHSQNGFIVPPPPEKSLIGMTKVKVGKE<br>DSSSAEFLEKRRALERYLQRIVNHPTMLQDPD VREFLEKEELPRAVGTQTLSGAGL<br>LKMFNKATDAVSKMTIKMNESDIWFEEKLQEVECEEQRLRKLHAVVETLVNHRKELA   |

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LNTAQFAKSLAMLGSSSEDNTALSRALSQLAEVEEKIEQLHQEQANNDFFLLAELLSD  
 YIRLLAIVRAAFDQRMKTWQRWQDAQATLQKKREAEARLLWANKPKLQQAQKDEIL  
 EWESRVTQYERDFERISTVVRKEVIRFEKEKSKDFKNHVIKYLETLLYSQQLAKYW  
 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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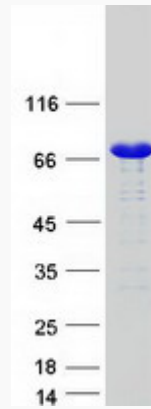
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**MIM** 601272

**UniProt ID** Q13596

**SDS-PAGE**



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