

Recombinant Human SNX2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNX2-5364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNX2 MS Standard C13 and N15-labeled recombinant protein (NP_003091) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the sorting nexin family whose members contain the phosphoinositide-binding phox (PX) domain. The encoded protein is a component of the retromer complex which plays a role in protein sorting in the endocytic pathway. This protein may form oligomeric complexes with other family members. Alternate splicing results in multiple transcript variants of this gene. Pseudogenes associated with this gene are located on chromosomes 1 and 7.
Molecular Mass	58.5 kDa
AA Sequence	MAAEREPPPLGDGKPTDFEDLEDGEDLFTSTVSTLESSPSSPEPASLPAEDISANSN GPKPTEVVLDDDREDLFAEATEEVSLDSPEREPILSSEPSPAVTPVTPPTTLIAPRIESK SMSAPVIFDRSREEIEEEEANGDIFDIEIGVSDPEKVGDMNAYMAYRVTTKTSLSMFS KSEFSVKRRFSDFLGLHSLKASKYLHVGYIVPPAPEKSIVGMTKVKGKEDSSSTEF VEKRRALERYLQRTVKHPTLLQDPDLRQFLESSELPRVNTQALSGAGILRMVNKA ADAVNKMTIKMNESDAWFEEKQQQFENLDQQLRKLHVSVEALVCHRKELSANTAFA AKSAAMLGNSDHTALSRALSQLAEEVEEKIDQLHQEQAFADFYMFSSELLSDYIRLIAA

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VKGVFDHRMKCWQKWEDAQITLLKKREAEAKMMVANKPDKIQQAKNEIREWEAKV
 QQGERDFEQISKIRKEVGRFEKERVKDFKTVIIKYLESLVQTQQQLIKYWEAFLPEA
 KAIATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SNX2 sorting nexin 2 [Homo sapiens (human)]

Official Symbol SNX2

Synonyms SNX2; sorting nexin 2; sorting nexin-2; transformation-related gene 9 protein; TRG-9; MGC5204;

Gene ID 6643

mRNA Refseq NM_003100

Protein Refseq NP_003091

MIM 605929

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UniProt ID

O60749

SDS-PAGE

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