

Recombinant Human SNX5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNX5-6635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNX5 MS Standard C13 and N15-labeled recombinant protein (NP_689413) 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 protein functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	46.8 kDa
AA Sequence	MAAVPELLQQQEEDRSKLRSVSVDLNVDPQLQIDIPDALSERDKVKFTVHTKTTLP TFQSPEFSVTRQHEDFVWLHDTLIETTDYAGLIIPPAPTKPDFDGPREKMQKLGE GEGSMTKEEFAKMKQELEAEYLAVFKKTVSSHEVFLQRLSSHPVLSKDRNFHV FLEYDQDL SVRRKNTKEMFGGFFKSVVKSADDEVLTG VKEVDDFFEQEKNF LINYYNRIKDSCVKADKMTRSHKNVADDYIHTAACLHSLALEEPTVIKKYLLK VAELFEKLRKVEGRVSSDE DLKLT ELLRYYYMLNIEAAKDLLYRRTKALIDY ENSNKALDKARLKS KDVKLA EAHQQE CCQKFEQLSESAKEELINFKRKR VAAFRKNLIEMSELEIKHARNNV SLLQSCIDLFKN

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NTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

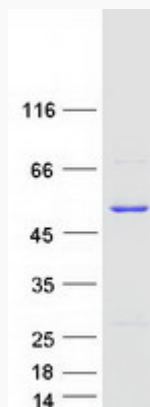
Gene Name	SNX5 sorting nexin 5 [Homo sapiens (human)]
Official Symbol	SNX5
Synonyms	SNX5; sorting nexin 5; sorting nexin-5; FLJ10931;
Gene ID	27131
mRNA Refseq	NM_152227
Protein Refseq	NP_689413
MIM	605937
UniProt ID	Q9Y5X3

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SDS-PAGE



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