

Recombinant Human SNX15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNX15-2417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNX15 MS Standard C13 and N15-labeled recombinant protein (NP_037438) 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. Overexpression of this gene results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits. This decrease is caused by the mislocalization of furin, the endoprotease responsible for cleavage of insulin and hepatocyte growth factor receptors. This protein is involved in endosomal trafficking from the plasma membrane to recycling endosomes or the trans-Golgi network. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream ADP-ribosylation factor-like 2 (ARL2) gene.
Molecular Mass	38.3 kDa
AA Sequence	MSRQAKDDFLRHYTEVSDPRTHPKGYTEYKVTAQFISKKDPEDVKEVVVWKRYSDFR KLHGDLAYTHRNLFRRLLEEFPAFPRAQVFGRFEEASVIEERRKGAEDLLRFTVHIPALN NSPQLKEFFRGGEVTRPLEVSRDLHILPPPLIPTPPPDDPRLSQLLPAERRGLEEELEV

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PVDPPPSSPAQEALDLLFNCESTEEASGSPARGPLTEAELALFDPFSKEEGAAPSPT
HVAELATMEVESARLDQEPWEPGGQEEEEEDGEGGPTPAYLSQATELITQALRDEKA
GAYAAALQGYRDGVHVLLQGVPSDPLPARQEGVKKKAAEYLKRAEEILRLHLSQLP
PTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SNX15 sorting nexin 15 [Homo sapiens (human)]

Official Symbol SNX15

Synonyms SNX15; sorting nexin 15; sorting nexin-15; clone iota unknown protein; HSAF001435;

Gene ID 29907

mRNA Refseq NM_013306

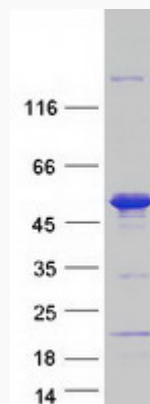
Protein Refseq NP_037438

MIM 605964

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UniProt ID**Q9NRS6****SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA