

Recombinant Full Length Human SNX15 Protein, C-Flag-tagged

Cat. No. SNX15-2090HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNX15 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.1 kDa
AA Sequence	MSRQAKDDFLRHYTVSDPRTHPKGYTEYKVTAQFISKKDPEDVKEVVVWKRYSDFR KLHGDLAYTHRNLF RRLEEFPAFPRAQVFGRFEASVIEERRKGAEDLLRFTVHIPAL

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NNSPQLKEFFRGGEVTRPLEVSRDLHI LPPPLIPTPPPDDPRLSQLLPAERRGLEEL
 EVPVDPPPSSPAQEALDLLFNCESTEEASGSPARGPLTEA ELALFDPFSKEEGAAP
 SPTHVAELATMEVESARLDQEPWEPGGQEEEEEDGEGGPTPAYLSQATELITQAL R
 DEKAGAYAAALQGYRDGVHVLLQGVPSDPLPARQEGVKKKAAEYLKRAEEILRLHL
 SQLPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SNX15 sorting nexin 15 [Homo sapiens (human)]
Official Symbol	SNX15
Synonyms	HSAF001435
Gene ID	29907
mRNA Refseq	NM_013306.5

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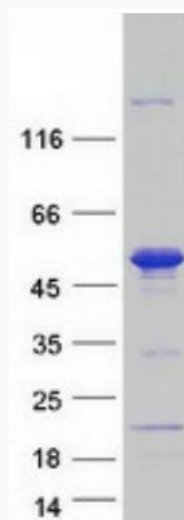
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Protein Refseq NP_037438.2

MIM 605964

UniProt ID Q9NRS6



Coomassie blue staining of purified SNX15 protein.

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