

Product datasheet for PH302594

SNX15 (NM_013306) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNX15 MS Standard C13 and N15-labeled recombinant protein (NP_037438)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202594
Predicted MW:	38.3 kDa
Protein Sequence:	>RC202594 protein sequence Red =Cloning site Green =Tags(s)

MSRQAKDDFLRHYTEVSDPRTHPKGYTEYKVTAQFISKDPEDVKEVVVWKRYSDFRKLHGDLAYTHRNLF
 RRLEEFPAFPRAQVGRFEASVIEERRKGAEDLLRFTVHIPALNNSPQLKEFFRGGEVTRPLEVSRDLHI
 LPPPLIPTPPDDPRLSQLPAERRGLEELVPDPPSSPAQEALDLLFNCESTEEASGSPARGPLTEA
 ELALFDPFSKEEGAAPSPTHVAELATMEVESARLDQEPWEPGGQEEEDGEGGPTPAYLSQATELITQAL
 RDEKAGAYAAALQGYRDGVHLLQGVPSDPLPARQEGVKKKAAEYLKRAEEILRLHLSQLPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_037438</u>
RefSeq Size:	1957
RefSeq ORF:	1026
Synonyms:	HSAF001435
Locus ID:	29907

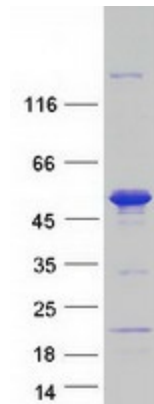

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UniProt ID: [Q9NRS6](#), [E5KQS5](#)

Cytogenetics: 11q13.1

Summary: 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. [provided by RefSeq, Dec 2010]

Product images:



Coomassie blue staining of purified SNX15 protein (Cat# [TP302594]). The protein was produced from HEK293T cells transfected with SNX15 cDNA clone (Cat# [RC202594]) using MegaTran 2.0 (Cat# [TT210002]).