

## Product datasheet for PH318477

### SNX27 (NM\_030918) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SNX27 MS Standard C13 and N15-labeled recombinant protein (NP_112180)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218477
Predicted MW:	59.6 kDa
Protein Sequence:	>RC218477 representing NM_030918 Red=Cloning site Green=Tags(s)

MADEEDGEIHPHPSAPHRNGGGGGGGGSLHCAGNGGGGGGPRVVRIVKSESGYGFNVRGQVSEGGQLRSI  
NGELYAPLQHVSAVLPGGAADRAGVRKGDRILEVNHVNVGATHKQVVDLIRAGEKELILTVLSVPPHEA  
DNLDPSSDLSGQSFYDYTEKQAVPISVPRYKHVEQNGEKFVVYNYVMAGRQLCSKRYREFAILHQNLKRE  
FANFTFPRLPGKWPFSLSEQQLDARRRGLLEEYLVCSIRVIGESDIMQEFLSESDENYNGVSDVELRVA  
LPDGTTVTRVVKKNSTTDQVYQAIAAKVGMDSTTVNYFALFEVISHSFVRKLPAPNEFPKLYIQNYTSAV  
PGTCLTIRKWLFTTEEEILLNDNDLAVTYFFHQAVDDVKKGYIKAEKSYQLQKLYEQRKMVMYLNMLRT  
CEGYNEIIFPHCACDSRRKGHVITAIISITHFKLHACTEEGQLENQVIAFEWDEMQRWDTDEEGMAFCFEY  
ARGEKKPRWVKIFTPYFNYMHECFERVFCELKWRKEEY

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_112180</a>
RefSeq Size:	7085
RefSeq ORF:	1584



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**Synonyms:** MRT1; MY014

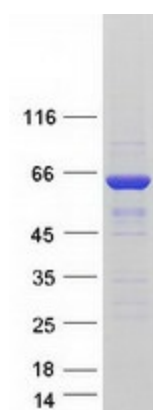
**Locus ID:** 81609

**UniProt ID:** [Q96L92](#)

**Cytogenetics:** 1q21.3

**Summary:** This gene encodes a member of the sorting nexin family, a diverse group of cytoplasmic and membrane-associated proteins involved in endocytosis of plasma membrane receptors and protein trafficking through these compartments. All members of this protein family contain a phosphoinositide binding domain (PX domain). A highly similar protein in mouse is responsible for the specific recruitment of an isoform of serotonin 5-hydroxytryptamine 4 receptor into early endosomes, suggesting the analogous role for the human protein. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified SNX27 protein (Cat# [TP318477]). The protein was produced from HEK293T cells transfected with SNX27 cDNA clone (Cat# [RC218477]) using MegaTran 2.0 (Cat# [TT210002]).