

## Product datasheet for PH310773

### SNX5 (NM\_014426) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SNX5 MS Standard C13 and N15-labeled recombinant protein (NP_055241)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210773
Predicted MW:	46.8 kDa
Protein Sequence:	>RC210773 protein sequence Red=Cloning site Green=Tags(s)

MAAVPELLQQQEEDRSKLRSVSVDLNVDPSLQIDIPDALSERDKVKFTVHTKTTLPFQSPEFSVTRQHE  
DFVWLHDTLIETTDYAGLIIPPAPTKPDFDGPREKMQKLGEGESMTKEEFKMKQLEAEYLAVFKKTV  
SSHEVFLQRLSSHPVLSKDRNFHVFLFYDQDLSVRRKNTKEMFGGFKSVYKSADEVLFITGVKEVDDFFE  
QEKNFLINYYNRKIDSCVKADKMRSHKNVADDYIHTAACLHSLALEEPTVIKKYLLKVAELFEKLRKVE  
GRVSSDEDLKL TELLRYYMLNIEAAKDLLYRRTKALIDYENSNKALDKARLKSKDVKLAEAHQEQCCQKF  
EQLSESAKEELINFKRKRVAEFRKNIEMSELEIKHARNNVSLQSCIDLFKNN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<u><a href="#">NP_055241</a></u>
RefSeq Size:	2353
RefSeq ORF:	1212
Locus ID:	27131
UniProt ID:	<u><a href="#">Q9Y5X3</a></u>

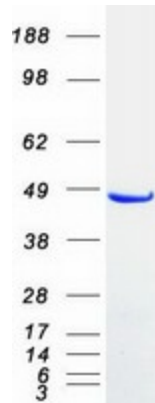


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Cytogenetics: 20p11.23

**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. 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. [provided by RefSeq, Sep 2013]

### Product images:



Coomassie blue staining of purified SNX5 protein (Cat# [TP310773]). The protein was produced from HEK293T cells transfected with SNX5 cDNA clone (Cat# [RC210773]) using MegaTran 2.0 (Cat# [TT210002]).