Product datasheet for PH324303

SNX12 (NM_013346) Human Mass Spec Standard

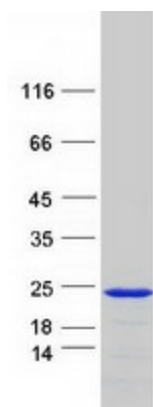## Product data:

Product Type:	Mass Spec Standards
Description:	SNX12 MS Standard C13 and N15-labeled recombinant protein (NP_037478)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224303
Predicted MW:	18.9 kDa
Protein Sequence:	>RC224303 protein sequence Red=Cloning site Green=Tags(s) MSDTAVADTRRLNSKPQDLTDAYGPPSNFLEIDIFNPQTVGVGRARFTTYEVRMRTNLPIFKLKESCVRR RYSDFEWLKNELERDSKIVVPPLPGKALKRQLPFRGDEGIFEESFIEERRQGLEQFINKIAGHPLAQNER CLHMFLQEEAIDRNYVPGKVRQ 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_037478
RefSeq Size:	2416
RefSeq ORF:	486
Locus ID:	29934
UniProt ID:	Q9UMY4, Q3SYF1
Cytogenetics:	Xq13.1

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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 does not contain a coiled coil region, like some family members. A similar protein in mouse may be involved in regulating the neurite outgrowth. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]

Product images:

Coomassie blue staining of purified SNX12 protein (Cat# [TP324303]). The protein was produced from HEK293T cells transfected with SNX12 cDNA clone (Cat# [RC224303]) using MegaTran 2.0 (Cat# [TT210002]).