

Product datasheet for PH302822

SH3PX1 (SNX9) (NM_016224) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNX9 MS Standard C13 and N15-labeled recombinant protein (NP_057308)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202822
Predicted MW:	66.6 kDa
Protein Sequence:	>RC202822 protein sequence Red=Cloning site Green=Tags(s)

MATKARVMYDFAAEPGNNELTVNEGEIITITNPDVGGWLEGRNIKGERGLVPTDYVEILPSDGKDQFSC
GNSVADQAFDLSLSASTAHASSAASNNHQVSGNDPWSAWSASKSGNWESEGWGAQPEGAGAQRNTNT
PNNWDTAFGHPQAYQGPATGDDDDWDEDWDGPKSSSYFKDSEADAGGAQRGNSRASSSSMKIPLNKFPG
FAKPGTEQYLLAKQLAKPKEKIPIIVGDYGPMMVYPTSTFDCVVADPRKGSKMYGLKSYIEYQLTPTNTN
RSVNHRYKHFDFWLYERLLVKFGSAIPIPSLPDKQVTGRFEEEFIKMRMERLQAWMTRMCRHPVISESEVF
QQFLNFRDEKEWKTGKRKAERDELAVMIFSTMEPEAPDLDLVEIEQKCEAVGKFTKAMDGVKELLTVG
QEHWKRCTGPLPKEYQKIGKALQSLATVFSSSGYQGETDLNDAITEAGKTYEEIASLVAEQPKKDLHFLM
ECNHEYKGFGLGCFPDIIGTHKGAIEKVKESDKLVATSKITLQDKQNMVKRVSIMSYALQAEMNHFHNSRI
YDYNVIRLYLEQQVQFYETIAEKLRQALSRFPVM

SGPTRTRPLEQKLI 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- 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:	<u>NP_057308</u>
RefSeq Size:	4291
RefSeq ORF:	1785



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Synonyms: SDP1; SH3PX1; SH3PXD3A; WISP

Locus ID: 51429

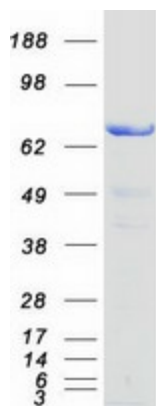
UniProt ID: [Q9Y5X1](#)

Cytogenetics: 6q25.3

Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2, dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation. [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SNX9 protein (Cat# [TP302822]). The protein was produced from HEK293T cells transfected with SNX9 cDNA clone (Cat# [RC202822]) using MegaTran 2.0 (Cat# [TT210002]).