

Product datasheet for **TP302822L**

SH3PX1 (SNX9) (NM_016224) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human sorting nexin 9 (SNX9), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC202822 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MATKARVMYDFAAEPGNNELTVNEGEIITITNPVGGGWLEGRNIKGERGLVPTDYVEILPSDGDQFSC
GNSVADQAFDLSASTAHASSAASNNHQVSGNDPWSAWSASKSGNWESSEGWGAQPEGAGAQRNTNT
PNNWDTAFGHPQAYQGPATGDDDDWDEDWDGPKSSSYFKDSEADAGGAQRGNSRASSSSMKIPLNKFPG
FAKPGTEQYLLAKQLAKPKEKIPIIVGDYGPMWVYPTSTFDCVWADPRKGSKMYGLKSYIEYQLTPTNTN
RSVNHRYKHFDWLYERLLVKFGSAIPIPSLPDKQVTGRFEEEFIKMRMERLQAWMTRMCRHPVISESEVF
QQFLNFRDEKEWKTGKRKAERDELAVMIFSTMEPEAPDLDLVEIEQKCEAVGKFTKAMDDGVKELLTVG
QEHWKRCTGPLPKEYQKIGKALQSLATVFSSSGYQGETDLNDAITEAGKTYEEIASLVAEQPKKDLHFLM
ECNHEYKGFGLGCFDIIIGTHKGAIEKVESDKLVATSKITLQDKQNMVVKRVSIMSIALQAEMNHFHNSRI
YDYNVIRLYLEQQVQFYETIAEKLRQALSFRFPVM

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 66.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

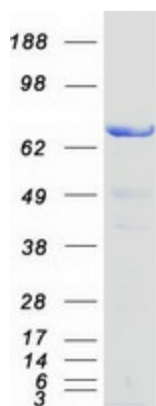
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057308
Locus ID:	51429
UniProt ID:	Q9Y5X1
RefSeq Size:	4291
Cytogenetics:	6q25.3
RefSeq ORF:	1785
Synonyms:	SDP1; SH3PX1; SH3PXD3A; WISP
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]).