

Product datasheet for **TP302822**

SH3PX1 (SNX9) (NM_016224) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human sorting nexin 9 (SNX9), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC202822 protein sequence

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

Sequence:

MATKARVMYDFAAEPGNNELTVNEGEIITITNPVGGGWLEGRNIKGERGLVPTDYVEILPSDQKQFSC
GNSVADQAFDLSASTAHASSAASNNHQVSGNDPWSAWSASKSGNWESSEGWGAQPEGAGAQRNTNT
PNNWDTAFGHPQAYQGPGATGDDDDWDEDWDGPKSSSYFKDSEADAGGAQRGNSRASSSSMKIPLNKFPG
FAKPGTEQYLLAKQLAKPKEKIPIVGDYGPMWVYPTSTFDCVWADPRKGSKMYGLKSYIEYQLTPTNTN
RSVNHRYPKHFWDWLYERLLVKFGSAIPIPSLPDKQVTGRFEEEFIKMRMERLQAWMTRMCRHPVISESEVF
QQFLNFRDEKEWKTGKRKAERDELAVMIFSTMEPEAPDLDLVEIEQKCEAVGKFTKAMDDGVKELLTVG
QEHWKRCTGGLPKKEYQKIGKALQSLATVFSSSGYQGETDLNDAITEAGKTYEEIASLVAEQPKKDLHFLM
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]).