

Product datasheet for **TP520304**

Snx9 (NM_025664) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse sorting nexin 9 (Snx9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR220304 protein sequence

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

Sequence:

MATKARVMYDFAAEPGNNELTVTEGEIITVTNPNVGGGWLEGKNNKGEQGLVPTDYVEILPNDGKDPFSC
GNSVADQAFLDSLTAQTNSSSANSNNQVGGGNDPWTAWNAPKPGNWDSSDAWGSRTDGTSAQRNSSA
NNWDTGFGHPQAYQGPATGDDDEWDEDWDDPKSSSPYFKDSEPAEAGGIQRGNSRAGASSMKLPLNKFPG
FAKPGMEQYLLAKQLAKPKEKIAIIVGDYGPMWVYPTSTFDCVADPRKGSKMYGLKSYIEYQLTPTNTN
RSVNHRYKHFDWLYERLLVKFGSAIPIPSLPDKQVTGRFEEEFIKMRMERLQAWMTRMCRHPVSESEVF
QQFLNFRDEKEWKTGKRKAEKDELVGMIFSTMEPEAPDLDLIEIEQKCDAVGKFTKAMDDGVKELLTVG
QEHWKRCTGPLPKEYQKIGKALQSLAAVFSSSGYQGETDLNDAITEAGKTYEEIASLVAEQPKDLHFLM
ECNHEYKGLGCFPDIIGAHKGAIEKVKESDKLVATSKITPQDKQTMVKRVGTMSYALQAEMNHFSNRI
YDYSVIRLYLEQQVQFYETIAEKLRQALSFRPVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 66.5 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

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 after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_079940
Locus ID:	66616
UniProt ID:	Q91VH2 , Q3U1P2
RefSeq Size:	2078
Cytogenetics:	17 3.51 cM
RefSeq ORF:	1788
Synonyms:	2700073N08Rik; SDP1; SH3PX1
Summary:	<p>Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Plays a role in endocytosis via clathrin-coated pits, but also clathrin-independent, actin-dependent fluid-phase endocytosis. Plays a role in macropinocytosis. Promotes internalization of TNFR. Promotes degradation of EGFR after EGF signaling. Stimulates the GTPase activity of DNM1. Promotes DNM1 oligomerization. Promotes activation of the Arp2/3 complex by WASL, and thereby plays a role in the reorganization of the F-actin cytoskeleton (PubMed:23437151). Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation. Has lower affinity for membranes enriched in phosphatidylinositol 3-phosphate (By similarity).[UniProtKB/Swiss-Prot Function]</p>