

Product datasheet for **TP509499**

Sh2b2 (NM_018825) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH2B adaptor protein 2 (Sh2b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209499 representing NM_018825 Red =Cloning site Green =Tags(s)

MNGATPSSAAAPAPVPDWRQFCELHAQVAAVDFAHKFCRFLRDNPTYDTPDAGTSFSRHFAANFLAVFSE
EVRRVLGSAADTMEPEPAVTSVTALKTATYGHRSSESDVSAHAATKARVRKGFSLRNMSLCVVDGVRDL
WHRSSPEPDGGATPKAAEPASEPRDKWTRRLRLARTLAAKVELVDIQREGALRFMVADDAASGPGGTAQ
WQKCRLLLRRAVAGERFRLEFFVPPKASRPKVSIPLSAIEVRTTMPLEMPKDNFTVLKVENGAEYILE
TIDSLQKHSWWADIQGCVDPGDSEEDTGLSCARGGCLASRVASCCELLTDADMPRPPTTTAVGAVVTA
PHGRARDTVGESLAHVPLETFLQTLESSGGVSENNNPGDEGAELDTDAEAELELSDYPWFHGTLSRVKAA
QLVLGGPRSHGLFVIRQSETRPGECVLTFFNQGKAKHLRLSLNGHGQCHVQHLWFQSVFDMLRHFHTHP
IPLESGGSADITLRSYVRAQGPPDPGPAPNTAAPVPACWTEPAGQHYFSSLATATCPPASPSNGAGASS
SSGSSSATSLLPPRAEGPLSAHSRSNSTEHLDDAASGATEEPTATLGRARAVENQYSFY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	66.6 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_061295](#)

Locus ID: 23921

UniProt ID: [Q9JID9](#)

RefSeq Size: 2904

Cytogenetics: 5 G2

RefSeq ORF: 1863

Synonyms: Aps

Summary: Adapter protein for several members of the tyrosine kinase receptor family. Involved in multiple signaling pathways. May be involved in coupling from immunoreceptor to Ras signaling. Acts as a negative regulator of cytokine signaling in collaboration with CBL. Binds to EPOR and suppresses EPO-induced STAT5 activation, possibly through a masking effect on STAT5 docking sites in EPOR. Suppresses PDGF-induced mitogenesis. May induce cytoskeletal reorganization via interaction with VAV3 (By similarity).[UniProtKB/Swiss-Prot Function]