

Product datasheet for TP511323

Sh3bp4 (NM_133816) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH3-domain binding protein 4 (Sh3bp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211323 representing NM_133816 Red =Cloning site Green =Tags(s)

MAAQRIRAAASGLPRCKSEGLTIDLSEGFSETSFNDVKVPSALLVDNPTPFNGNAKEVIAIKDYCPNN
FTTLKFSKGDHLYVLDTSGGEWYAHNTTEMGYIPSSVYQPLNYRNSTLSDSGMIDNLPDSPEEVAKELD
LLGGGWTDQKESGRPYSNPNPFWNGVRTNPFNGNAQPSTDELNPKSTVDLLLFDGTSSFTSSATTN
STGNIFDELPATNGLQVEQPVKRDNPFRRSKRSYLSLSVLAQKSDAPPTSSFFTLKSPVPEQFQSRE
DFRTAWLNHRKLARSCHDLDLLGQSPGWGQTQAVETNIVCKLDSSGGSVQLPDTNISIHVPEGHVAPGET
QQISMKALLDPPLDLNSDRSTSVSPVVEVKLSNLEVSTFIILEMKVSAEVKGDIFSKSTVWLQCLRSDSK
EGPYVPIPLAYSYGDTIQVQLDNLEPCMYLAIVAQGNILYLPSTVWDFINKRVTVGLYGPKHIIHPSFKTV
VTIFGHDCAPKTLVSEVTRQAPSPAPVALQLWGKHQFILSRPQDLRVCMFNSMTNIEVKANEQARVVRG
FQMKGKVSRLIFSVISQNPNELSDFTLRVQVKDDQDTILTQFCVQTPQPPPKAIKPSGQRRFLKKNV
GKIILSPFVTTKYPTFQDRPVSSLKFGKLLKTVVRQNKSHYLLEYKKGDVVALLSEERIRLKGQLWTKE
WYIGYYQGVGLVHTKNVLVVGKARPSLFSGPELSTSVLLEQILRCKFLTYIYASVRTLLMENISSWRA
FADALGYGNLPLTFFCRAELDSEPERVASVLEKLEKDCNNPDNKDRKSFQKELVMALLKMDCCGLVRLI
QDFVLLTTAVEVAQRWRELAEKLAKVSKQQMDAYESPHRDRNGVDSEAMWKPAYDFLLTWSHQIGDSYR
DVIQELHIGLDKMKNPITRRWKHLTGTLLLVNSLDILRAAAFSPADHDDFVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	108 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



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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.
RefSeq:	NP_598577
Locus ID:	98402
UniProt ID:	Q92116
RefSeq Size:	3673
Cytogenetics:	1 D
RefSeq ORF:	2886
Synonyms:	AI594717; AW227605; BOG25
Summary:	May function in transferrin receptor internalization at the plasma membrane through a cargo-specific control of clathrin-mediated endocytosis. Alternatively, may act as a negative regulator of the amino acid-induced TOR signaling by inhibiting the formation of active Rag GTPase complexes. Preferentially binds inactive Rag GTPase complexes and prevents their interaction with the mTORC1 complex inhibiting its relocalization to lysosomes and its activation. Thereby, may indirectly regulate cell growth, proliferation and autophagy (By similarity). [UniProtKB/Swiss-Prot Function]