

Product datasheet for TP526320

Sh3kbp1 (NM_001135727) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH3-domain kinase binding protein 1 (Sh3kbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226320 representing NM_001135727 Red=Cloning site Green=Tags(s)

MVEAIVEFDYQAQHDELTISVGEVITNIRKEDGGWWEQINGRRGLFPDNFVREIKKDMKKDLLSNKAP
EKPMHDVSSGNALLSSETILRTNKRGERRRRCQVAFSYLPQNDDELELVGDIIIEVVGEVEEGWWEGLV
NGKTGMFSPNFIKELSGESDELGISQDEQLSKSSLRETTGSESDGGSSSTKSEGANGMTATAAIQPKKV
KGVGFGDIFKDKPIKLRPRSIEVENDFLPVEKTIGKKLPPATSTPDPSKTEMDSRTTKDKDYCKVIFPYEA
QNDDELTIKEGDIVTLINKDCIDVGWWEWELNGRRGVFPDNFVKLLPSDFDKEGNRPKPPPPSAPVVKQ
GAGTTERKHEIKKIPPERPETLPNRTEEKERPEREKLDLQKPSVPAIPPKKPRPPKTNLSLNRPGALPPR
RPERPVGPLTHTRGDSPKIDLAGSALSGILDKDLSDRSNDIDLEGFDSVISSTELKSHPTTSRPKATGRR
PPSQSLTSSSLSPDIFDSPSPEEDKEEHISLAHRGIDVSKKTSKTVTISQVSDNKTSLPPKPGTMAAAS
SGPASLSSVASSPMSSSLGTAGQRASSPSLFSTEGKPKMEPAVSSQAAIEELKMQVRELRTIETMKDQQ
KREIKQLSELDEEKIRLRLQMEVNDIKKALQSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73.8 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_001129199
Locus ID:	58194
UniProt ID:	Q8R550 , Q3TT90 , Q3TA88
RefSeq Size:	5029
Cytogenetics:	X F4
RefSeq ORF:	1995
Synonyms:	1200007H22Rik; 1700125L08Rik; 5830464D22Rik; AI447724; Cin85; IN85; Ruk; Seta
Summary:	Adapter protein involved in regulating diverse signal transduction pathways. Involved in the regulation of endocytosis and lysosomal degradation of ligand-induced receptor tyrosine kinases, including EGFR and MET/hepatocyte growth factor receptor, through an association with CBL and endophilins. The association with CBL, and thus the receptor internalization, may be inhibited by an interaction with PDCD6IP and/or SPRY2. Involved in regulation of ligand-dependent endocytosis of the IgE receptor. Attenuates phosphatidylinositol 3-kinase activity by interaction with its regulatory subunit. May be involved in regulation of cell adhesion; promotes the interaction between TTK2B and PDCD6IP. May be involved in the regulation of cellular stress response via the MAPK pathways through its interaction with MAP3K4. Is involved in modulation of tumor necrosis factor mediated apoptosis. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape and migration (By similarity).[UniProtKB/Swiss-Prot Function]