

Product datasheet for **TP507316**

Sh3bp5 (NM_011894) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH3-domain binding protein 5 (BTK-associated) (Sh3bp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207316 representing NM_011894 Red =Cloning site Green =Tags(s)

MDTALKRSRSDEPAELPPPAREVEEKEEEEEERMEQGLEEEEEVDPRIQGELEKLNQSTDDINRRETELE
DARQKFRSVLVEATVKLDELAKKIGKAVEDSKPYWEARRVARQAQLEAQKATQDFQRATEVLRRAKETIS
LAEQRLLEDDKRQFDSAWQEMLNHATQRMVMAEQTKRSELVHKETAARYNAAMGRMRQLEKCLKRAINK
SKPYFELKAKYVYVQLEQLKKTVDLQAKLALAKGEYKAALKSLERISDEIHERRSNAMGPRGCGVGAEG
SIASVENLPVSKPEPDAISVASEAFEDDNCNLVSEDDSETQSVSSFSSGPTSPSEMPDQFPAVARPGSL
DLPSPVSLSEFGMMFPILGPRSECSGASSPECEVERGDRAEGAENKMSDKANNRVLGSTNGGSGRSRSQ
SSTSLESQALETMRMKQLSLQCSKGRDGIADIKMVQIG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.5 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.
RefSeq:	NP_036024
Locus ID:	24056



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UniProt ID:	Q9Z131
RefSeq Size:	2487
Cytogenetics:	14 B
RefSeq ORF:	1374
Synonyms:	AI606498; Sab; SH3BP-5
Summary:	Functions as guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (By similarity). Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death.[UniProtKB/Swiss-Prot Function]