

## Product datasheet for TP303999

### SH3BP5 (NM\_004844) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3-domain binding protein 5 (BTK-associated) (SH3BP5), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC203999 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)
	<p>MDAALKRSRSEEPAEILPPARDEEEEEEGMEQGLEEEEEVDPRIQGELEKLNQSTDDINRRETELEDAR QKFRSVLVEATVKLDELVKKIGKAVEDSKPYWEARRVARQAQLEAQKATQDFQRATEVLRRAKETISLAE QRLLEDDKRQFDSAQWQEMLNHATQRVMEAEQTKRSELVHKETAARYNAAMGRMRQLEKLLKRAINKSKP YFELKAKYVVQLEQLKKTVDLQAKLTLAKGEYKMAKLNLEMISDEIHERRSSAMGPRGCGVGAEGSST SVEDLPGSKPEPDAISVASEAFEDDSCSNFVSEDDSETQSVSSFSGPTSPSEMPDQFPAVVRPGSLDLP SPVSLSEFGMMFPVLGPRSECSGASSPECEVERGDRAEGAENKTSKANNRGLSSSSSGSGSSKSQSST SPEGQALENRMKQLSLQCSKGRDGIADIKMVQIG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	50.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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\\_004835](#)

Locus ID: 9467

UniProt ID: [O60239](#)

RefSeq Size: 3322

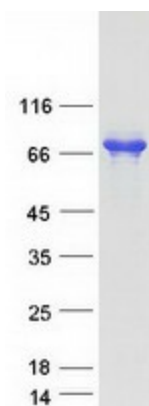
Cytogenetics: 3p25.1

RefSeq ORF: 1365

Synonyms: SAB; SH3BP-5

**Summary:** Functions as guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (PubMed:26506309, PubMed:30217979). 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]

### Product images:



Coomassie blue staining of purified SH3BP5 protein (Cat# TP303999). The protein was produced from HEK293T cells transfected with SH3BP5 cDNA clone (Cat# [RC203999]) using MegaTran 2.0 (Cat# [TT210002]).