

Product datasheet for **TP505354**

Sh3gl2 (NM_019535) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH3-domain GRB2-like 2 (Sh3gl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205354 representing NM_019535 Red =Cloning site Green =Tags(s)
	<p>MSVAGLKKQFHKATQKVSEKVGGAEGTKLDDDFKEMERKVDVTSRAVMEIMTKTIEYLQPNPASRAKLSM INTMSKIRGQEKGPGYPQAEALLAEAMLKFGRELGDCCNFGPALGEVGEAMRELSEVKDSLDMEVKQNF DPLQNLHDKDLREIQHHLKLEGRRLDFDYKKKRQGGKIPDEELRQALEKFDESKEIAESSMFNLLEMDIE QVSQLSALVQAQLEYHKQAVQILQQVTVRLEERIRQASSQPRREYQPKPRMSLEFATGDSTQPNGGLSHT GTPKPPGVQMDQPCCRALYDFEPENEGELGFKEGDIITLNQIDENWYEGMLHGQSGFFPINYVEILVAL PH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	40.4 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_062408
Locus ID:	20404
UniProt ID:	Q62420



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RefSeq Size:	2817
Cytogenetics:	4 40.23 cM
RefSeq ORF:	1056
Synonyms:	9530001L19Rik; A1120490; AW555077; B930049H17Rik; EEN-B1; Sh3d2a; SH3PA
Summary:	Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth (PubMed:21849472). Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes (PubMed:21849472).[UniProtKB/Swiss-Prot Function]