

## Product datasheet for TP524537

### Srgap1 (NM\_001081037) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SLIT-ROBO Rho GTPase activating protein 1 (Srgap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224537 representing NM_001081037 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSTPSRFKKDKKEIIAEYESQVKEIRAQLVEQQKCLEQQTEMRVQLLQDLQDFFRKKAIEIETEYSRNLEKL  
AERFMAKTRSTKDHQQFKKDQNLSPVNCWYLLLNQVRRESKDHALSDIYLNNAVIMRFMQISEDSTRMF  
KKSKEIAFQLHEDLMKVLNELYVMKTYHMYHSESISAESKLKEAEKQEEKQIGRSGDPVFHIRLEERHQ  
RRSSVKKIEKMKEKRQAKYSENKLSIKARNEYLLTLEATNASVFKYYIHDSLIDCCDLGYHASLNRA  
LRTYLSAEYNLETSRHEGLDIIENAVDNLEPRSDKQRFMEMYPAAFCPPMKFEFQSHMGDEVQVSAQQP  
VQAEMLRNQQLQSRLATLKIESEEVKKTTEATLQTIQDMVTIEDYDVSECFQHSRSTESVKSTVSETYL  
SKPSIAKRRANQQETEYFYFMKLREFLEGSNLITKLQAKHDLLQRTLGEHRAEYMTTRPPNVPPKPKQH  
RKSRRSQYNAKLFNGDLETFVKDSGQVIPLIVESCIRFINLYGLQHQGIFRVSGSQVEVNDIKNSFERG  
ENPLSDEQSNHDINSVAGVLKLYFRGLENPLFPKERFTDLISCIRIDNLYERALHIRKLLLTLPRSVLIV  
MRYLFAFLNHLNQSDENMMDPYNLAICFGPTLMPVPEIQDQVSCQAHVNEIVKTIHHETIFPDAKEL  
DGPVYEKCMAGGDYCDSPYSEHGTL EEVDQDAGTEPHTSEDECEPIEAIKFDYVGRSARELSFKKGASL  
LLYHRASEDWWEGRHNGIDGLVPHQYIVVQDMDDTFSDTLSQKADSEASSGPVTEKSSSKDMNSPTDRH  
SDSYLARQRKRGEPPPPGRRPGRTSDGHCPLHPPHALSNSSIDLGSPNLASHPRGLLQNRGLNNDSPERR  
RRPGHGSLTNISRHDSLKKIDSPPIRSTSSGQYTGFDHKLPLDPETIAQDIEETMNTALNELRELERQS  
TVKHAPDVVLDLTLEQVKNSTPATSTESLPLHNVALRGSEPQIRRSTSSSSETMSTFKPMVAPRMGVQL  
KPPALRPKPAVLPKTNPTMGPAAPSQGPDKSCTM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	124.6 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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001074506</a>
<b>Locus ID:</b>	117600
<b>UniProt ID:</b>	<a href="#">D3YZW1</a>
<b>RefSeq Size:</b>	3414
<b>Cytogenetics:</b>	10 D2
<b>RefSeq ORF:</b>	3255
<b>Synonyms:</b>	4930572H05Rik; Arhgap13
<b>Summary:</b>	GTPase-activating protein for RhoA and Cdc42 small GTPases. Together with CDC42 seems to be involved in the pathway mediating the repulsive signaling of Robo and Slit proteins in neuronal migration. SLIT2, probably through interaction with ROBO1, increases the interaction of SRGAP1 with ROBO1 and inactivates CDC42 (By similarity).[UniProtKB/Swiss-Prot Function]