

Product datasheet for TP308812

SRGAP1 (NM_020762) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SLIT-ROBO Rho GTPase activating protein 1 (SRGAP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208812 protein sequence Red =Cloning site Green =Tags(s)

MSTPSRFKKDKKEIIAEYESQVKEIRAQLVEQQKCLEQQTEMRVQLLQDLQDFFRKKAEIETEYSRNLEKL
AERFMAKTRSTKDHQQYKKDQNLSPVNCWYLLLNQVRRESKDHALTSDIYLNVMRFMQISEDSTRMF
KKSKEIAFQLHEDLMKVLNELYVMKTYHMYHAESISAESKLKAEKQEEKQIGRSGDPVFHIRLEERHQ
RRSSVKKIEKMKEKRQAKYSENKLSIKARNEYLLTLEATNASVFKYIHDLSLDLIDCCDLGYHASLNRA
LRTYLSAEYNLETSRHEGLDIIENAVDNLEPRSDKQRFMEMYPAAFCPPMKFEFQSHMGDEVCQVSAQQP
VQAEMLRYQQLQSRLATLKIENEVKKTTTEATLQTIQDMVTIEDYDVSECFQHSRSTESVKSTVSETYL
SKPSIAKRRANQQETEYQFYFMKLREYLEGSNLITKLQAKHDLLQRTLGEHRAEYMTTRPPNVPPKPKQKH
RKSRRSQYNTKLFNGDLETFVKDSGQVIPLIVESCIRFINLYGLQHQQGIFRVSGSQVEVNDIKNSFERG
ENPLADDQSNHDINSVAGVLKLYFRGLENPLFPKERFNDLISCIRIDNLYERALHIRKLLLTLPKSVLIV
MRYLFAFLNHLNQSDENMMDPYNLAICFGPTLMPVPEIQDQVSCQAHVNEIITIIHHETIFPDAKEL
DGPVYEKCMAGDDYCDSPYSEHGTL EEVDQDAGTEPHTSEDECEPIEAIKFDYVGRSARELSFKKGASL
LLYHRASEDWWEGRHNGIDGLVPHQYIVVQDMDDTFSDTLSQKADSEASSGPVTEKSSSKDMNSPTDRH
PDGYLARQRKRGEPPPPVRRPGRGTS DGHCPHPPHALSNSSVDLGSPSLASHPRGLLQNRGLNNDSPERR
RRPGHGSLTNISRHDSLKKIDSPPIRRSTSSGQYTG FNDHKPLDPETIAQDIEETMNTALNELRELERQS
TAKHAPDVVLDTLEQVKN SPTPATSTESLSPLHNVALRSSEPQIRRSTSSSSDTMSTFKPMVAPRMGVQL
KPPALRPKPAVL PKNPTIGPAPPPQGPTDKSCTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

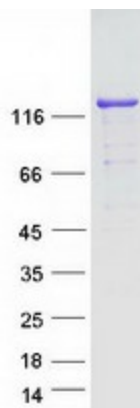
Tag:	C-Myc/DDK
Predicted MW:	124.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
RefSeq:	NP_065813
Locus ID:	57522
UniProt ID:	Q7Z6B7
RefSeq Size:	8475
Cytogenetics:	12q14.2
RefSeq ORF:	3255
Synonyms:	ARHGAP13; NMTC2
Summary:	The protein encoded by this gene is a GTPase activator, working with the GTPase CDC42 to negatively regulate neuronal migration. The encoded protein interacts with the transmembrane receptor ROBO1 to inactivate CDC42. [provided by RefSeq, Sep 2016]
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified SRGAP1 protein (Cat# TP308812). The protein was produced from HEK293T cells transfected with SRGAP1 cDNA clone (Cat# [RC208812]) using MegaTran 2.0 (Cat# [TT210002]).