

Product datasheet for TP524849

Rasgrf1 (NM_011245) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAS protein-specific guanine nucleotide-releasing factor 1 (Rasgrf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224849 protein sequence Red=Cloning site Green=Tags(s)

MQKAIRLNDGHWTLGLLAQKDGTRKGYLSKRSADNPKWQTKWFALLQNLLFYFESDSSPRPSGLYLLEG
SICKRAPSPKRGTSKESGEKQQHYFTVNFNSDSQKTLELRTEADKDCDEWVAAIARASYKILATEHEAL
MQKYLHLLQVWETEKTVAKQLRQLEDGEVEIERLKTETITNLIKDNDRIQSSNKAGSADDESDIKKI
KKVQSFLRGWLCRRKWKNIQDYIRSPHADSMRKRNVVFSMLEAEAEYVQQLHILVNNFLRPLRMAASS
KKPPITHDDVSSIFLNSETIMFLHQIFYQGLKARISSWPTLVLADLFDILLPMLNIYQEFVRNHQYSLQI
LAHCKQNRDFDKLLKQYEAQPDCEERTLETFLTYPMFQIPRYILTLHELLAHTPHEHVERNSLDYAKSKL
EELSRIMHDEVSETENIRKNLAIERMITEGCEILLDTSQTFVRQGLMQLSLSEKSKSSRGRGLGSLSTKK
EGERQCFLFSKHLICTRGS GGKHLTKNGVISLIDCTLLDEPENLDDEAKGAGPEIEHLEFKIGVEPKD
SLPFTVILVASTRQEKAAWTSDIIQCVDNIRCNGLMNNAFEENSKVTPQMIKSDASLYCDDVDIRFSKT
MNSCKVLQIRYASVERLLERLTLRFLSIDFLNLFHSYRVFTNAMVVDKLIINIYRKPMASAIAPARSLEL
LFSSSHNAKLLYGDAPKSPRASRKFSPPPLAIGTSSPSRRRKLNLNIPITGGKALELASLGCSSDSYA
NIHSPISPFGKTTLDTGKLCMASSLPKTPEEIDVPATIEKPGELSASRKHSSDVLKEESEDQNHSDDED
NTEVSPVKSPPTPKSFLNRTITEFPFFNYNNGILMTTCRDLVDNNRSTLSATSFAIATAGANEGPSNKE
VFRRMSLANTGFSSDQRNIDKEFVIRRAATNRVLNVLRHWWTKHTQDFDTHLKYRVICFLEEVMDHPD
LLTQERKAAAANIIRTLTLEETTEQHSMLEEVILMTEGVKTEPFENHPALEIAEQLTLLDHLVFKSIPYEE
FFGQGWMAEKYERTPYIMKTTKHFNHVSNFIASEIIRNEDISARASAIKWWAVADICRCLHNYNAVLE
ITSSINRSIAIFRLKKTWLKVKQTKSLLDKLQKLVSSDGRFKNLRESLRNCDPPCVPYLGMYLTDLVFIE
EGTPNYTEDGLVNFSKMRMISHIIRQFQQTYYKIDPQPKVIQYLLDESFMLDEESLYESSLLIEPKL
PT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	144.1 kDa



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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_035375
Locus ID:	19417
UniProt ID:	P27671 , B2RS27
RefSeq Size:	4243
Cytogenetics:	9 47.31 cM
RefSeq ORF:	3789
Synonyms:	AI844718; CDC25; CDC25Mm; Gnrp; Grf1; Grfbeta; p190; P190-A; p190RhoGEF; Ras-GRF1
Summary:	Promotes the exchange of Ras-bound GDP by GTP.[UniProtKB/Swiss-Prot Function]