

Product datasheet for TP526786

Rasgrp2 (NM_011242) Mouse Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse RAS, guanyl releasing protein 2 (Rasgrp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR226786 representing NM_011242 Red=Cloning site Green=Tags(s) |

MTSTLDLDKGCTVEELLRGCIEAFDDSGKVRDPQLVRMFLMMHPWYIPSSQLASKLLHFYQQSRKDNSNS
LQMKTCHLVRYWISAFPAEFDLNPDLAEQIKELKALLDQEGNRRHSSLIDIESVPTYKWKQVTRQNPVE
QKKRKMSSLLFDHLEPMELAEHLTYLEYSFKILFQDYHSFVTHGCTVDNPVLERFISLFNSVSQWVQLM
ILSKPTATQRALVITHFVHVAERLLQLQNFNTLMAVGGLSHSSISRLKETHSHVSPDTIKLWEGLTEL
TATGNYSNYRRRLAACVGFRRFPILGVHLKDLVALQLALPDWLDPGRTRLNGAKMRQLFCILEELAMVTS
RPPVQANPDLLSLLTVSLDQYQTEDELYQLSLQREPRSKSSPTSPTSCTPPPRPPVLEEWTSVAKPKLDQ
ALVAEHIEKMVESVFRNFDVDGDGHISQEEFQIIRGNFPYLSAFGLDQNDQDGCISREEMISYFLRSSV
LGGRMGFVHNFQESNSLRPVACRHCKALILGIYKQGLKCRACGVNCHKQCKERLSVECRRAQSVSLEGS
APSPSPHTHHRAFSFSLPRPGRSSRPPEIREEEVQSVEDGVFDIHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 69.4 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. |



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RefSeq: [NP_035372](#)

Locus ID: 19395

UniProt ID: [Q9QUG9](#)

RefSeq Size: 2209

Cytogenetics: 19 A

RefSeq ORF: 1824

Synonyms: Caldaggef1; CDC25L

Summary: Functions as a calcium- and DAG-regulated nucleotide exchange factor specifically activating Rap through the exchange of bound GDP for GTP. May also activates other GTPases such as RRAS, RRAS2, NRAS, KRAS but not HRAS. Functions in aggregation of platelets and adhesion of T-lymphocytes and neutrophils probably through inside-out integrin activation. May function in the muscarinic acetylcholine receptor M1/CHRM1 signaling pathway.[UniProtKB/Swiss-Prot Function]