

Product datasheet for **TP317657M**

RAGEF2 (RAPGEF6) (NM_016340) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Rap guanine nucleotide exchange factor (GEF) 6 (RAPGEF6), 100 µg

Species: Human

Expression Host: HEK293T



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Expression cDNA >RC217657 representing NM_016340
Clone or AA **Red**=Cloning site **Green**=Tags(s)
Sequence:

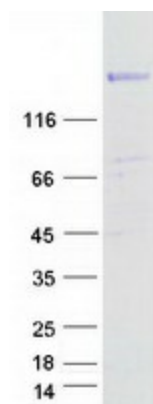
MNSPVDPGARQALRKKPPERTPEDLNTIYSYLHGMEILSNLREHQLRLMSARARYERYSGNQVLCSETI
 ARCWYILLSGSVLVKGSMVLPPCSFGKQFGGKRGCDCLVLEPSEMIVVENAKDNEDSILQREIPARQSRR
 RFRKINYKGERQTITDDVEVNSYLSLPADLTKMHLTENPHPQVTHVSSSQSGCSIASDSGSSSLSDIYQA
 TESEVGDVDLTRLPEGPVDSDEDEEEDDRTDPLQGRDLVRECLEKEPADKTDDDIEQLLEFMHQLPA
 FANMTMSVRRELCVMI FEVVEQAGAILEDGQELDSWYVILNGTVEISHPDGKVENLFMGNISFGITPTL
 DKQYMHGIVRTKVDDCQFVCIAQQDYWRILNHVEKNTHKVEEEGEIVMVHEHRELD RSGTRKGHIVIKAT
 PERLIMHLIEHSIVDPTYIEDFLLTYRTFLESPLDVGIKLLEWFKIDSLRDKVTRIVLLWVNNHFNDFE
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 VEPGSKAADSGLKRGDQIMEVNGQNFENITFMKAVEILRNTHLALTVKTNIFVKELLFRTEQEKSGVP
 HIPKIAEKSNRHSIQHVPGDIEQTSQEKGSKKVKANTVSGGRNKIRKILDKTRFSILPPKLFSDGGLSQ
 SQDDSI VGRTRHCRHSLAIMP IGTLSSSSPDLLQPTTSM LDFSNPSDIPDQVIRVFKVDQ QSCYIIISKD
 TTAKEVVFHAVHEFGLTGASDTYSLCEVSVTPEGVIKQRRLPDQFSKLADRIQLNGRYLKNMETETLC
 SDEDAQELVKESQLSMLQLSTIEVATQLSMRDFDLFRNIEPT EYIDDLFKLNSKTGNTHLKRFE DIVNQE
 TFWVASEILTEANQLKRMKIIKHFIKIALHCRECKNFNSMFAISGLN LASVARLRGTWEKLP SKYEKHL
 QDLQDIFDPSRNMAKYRNILSSQSMQPPIIPLFPVKKDMTFLHEGND SKVDGLVNF EKLRMISKEIRQV
 VRMTSANMDPAMMFRQRSL SQGSTNSNMLDVQGGAHKKRARRSSLLNAKKLYEDAQMARKVKQYLSSLDV
 ETDEEFQMMSLQWEPAYGTLTKNLSEKRSKSSSEMSPVPMRSAGQTTKAHLHQPHRVSQVLQVPAVNLH
 PIRKKGQTKDPALNTSLPQKVLGTTEEISGKKHTEDTISVASSLHSSPPASPQGS PHKGYTLIPSAKSDN
 LSDSSHSEISSRSIVSNCSVDSMSAALQDERCSSQALAVPESTGALEKTEHASGIGDHSQHGP GWTLK
 PSLIKCLAVSSSVSNEEISQEHIIEAADSGRGSWTSCSSSSHDNFQSLPNPKSWDFLNSYRHTHLDDPI
 AEVEPTDSEPYSCSKSCSRTCGQCKGSLERKSWTSSSSLSDTYEPNYGTVKQRVLESTPAESSEGLDPKD
 ATDPVYKTVTSSTEKGLIVYCVTSPKKDDRYREPPPTPPGYLGISLADLKEGPHTHLKPPDYSVAVQRSK
 MMHNSLSRLPPASLSSNLVACVPSKIVTQPQRHNLQPFHPKLGVDVTADSEADENEQVSAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 179.2 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
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:	<u>NP_057424</u>
Locus ID:	51735
UniProt ID:	<u>Q8TEU7</u>
RefSeq Size:	6390
Cytogenetics:	5q31.1
RefSeq ORF:	4803
Synonyms:	KIA001LB; PDZ-GEF2; PDZGEF2; RA-GEF-2; RAGEF2
Summary:	Guanine nucleotide exchange factor (GEF) for Rap1A, Rap2A and M-Ras GTPases. Does not interact with cAMP.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RAPGEF6 protein (Cat# [TP317657]). The protein was produced from HEK293T cells transfected with RAPGEF6 cDNA clone (Cat# [RC217657]) using MegaTran 2.0 (Cat# [TT210002]).