

## Product datasheet for TP317657

### 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), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC217657 representing NM\_016340  
Red=Cloning site Green=Tags(s)

MNSPVDPGARQALRKKPPERTPEDLNTIYSYLHGMEILSNLREHQLRLMSARARYERYSGNQVLCSETI  
 ARCWYILLSGSVLVKGSMVLPPCSFGKQFGGKRGCDCLVLEPSEMIVVENAKDNEDSILQREIPARQSRR  
 RFRKINYKGERQTITDDDEVNSYLSLPADLTKMHLTENPHQPVTHVSSSQSGCSIASDSGSSSLSDIYQA  
 TESEVGDVDLTRLPEGPVDEDEEEDDRTDPLQGRDLVRECLEKEPADKTDDDIEQLLEFMHQLPA  
 FANMTMSVRRELCSVMIFEVVEQAGAIILEDGQELDSWYVILNGTVEISHPDGKVENLFMGNSFGITPTL  
 DKQYMHGIVRTKVDDCQFVCIQQDYWRILNHVEKNTHKVEEIGEIVMVHEHRELD RSGTRKGHIVIKAT  
 PERLIMHLIEHSIVDPTYIEDFLLTYRTFLESPLDVGIKLEWFKIDSLRDKVTRIVLLWVNNHFNDFE  
 GDPAMTRFLEEFKNELEDTKMNGHLRLNIAACAkakwRQVWLQKASRESPLQFSLNGGSEKGFIFVEG  
 VEPGSKAADSGLKRGDQIMEVNGQNFENITFMKAVEILRNTHLALTVKTNIFVKELLFRTEQEKSGVP  
 HIPKIAEKSNRHSIQHVPDIEQTSQEKGSKKVKANTVSGGRNKIRKILDKTRFSILPPKLFSDGGLSQ  
 SQDDSIQVTRHCRHSLAIPPIPGTLSSSSPDLLQPTTSMDFSNPSDIPDQVIRVFKVDQQSCYIIISKD  
 TTAKEVVFHAVHEFGLTGASDTYSLCEVSVTPEGVIKQRRLPDQFSKLADRIQLNGRYLKNMETETLC  
 SDEDAQELVKESQLSMLQLSTIEVATQLSMRDFDLFRNIEPTEYIDDLFKLNSKTGNTHLKRFEIVNQE  
 TFWVASEILTEANQLKRMKIIKHFIKIALHCRECKNFNSMFAIISGLNLASVARLRGTWEKLP SKYEKHL  
 QDLQDIFDPSRNMAYRNILSSQSMQPPHPLFPVVKDMTFLHEGNDSKVDGLVNFELRMISKEIRQV  
 VRMTSANMDPAMMFRQRSLSQGSTNSNMLDVQGGAHKKRARRSSLLNAKKLYEDAQMARKVKQYLSLDV  
 ETDEEFQMMSLQWEPAYGTLTKNLSEKRSKSSSEMSPVPMRSAGQTTKAHLHQPHRVSQVLQVPAVNLH  
 PIRKKGQTKDPALNTSLPQKVLGTTEEISGKKHTEDTISVASSLHSSPPASPQSPHKGTYLIPSAKSDN  
 LSDSSHSEISSRIVSNCVDSMSAALQDERCSSQALAVPESTGALEKTEHASGIGDHSQHGPWTLLK  
 PSLIKCLAVSSSVSNEEISQEHIIIEAADSGRGSWTSCSSSHDNFQSLPNPKSWDFLNSYRHTHLDDPI  
 AEVEPTDSEPYSCSKSCSRTCGQCKGSLERKSWTSSSSLDSTYEPNYGTVKQRVLESTPAESSEGLDPKD  
 ATDPVYKTVTSSTEKGLIVCVTSPKKDDRYREPPPTPPGYLGISLADLKEGPHTHLKPDPYSVAVQRSK  
 MMHNSLSRLPPASLSSNLVACVPSKIVTQPQRHNLQPFHPKLGVDTDADSEADENEQVSAV

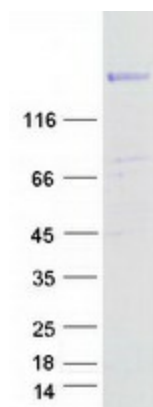
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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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:	<a href="#">NP_057424</a>
Locus ID:	51735
UniProt ID:	<a href="#">Q8TEU7</a>
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 RAGEF2 protein (Cat# TP317657). The protein was produced from HEK293T cells transfected with RAGEF2 cDNA clone (Cat# [RC217657]) using MegaTran 2.0 (Cat# [TT210002]).