

Product datasheet for PH317657

RAGEF2 (RAPGEF6) (NM_016340) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAPGEF6 MS Standard C13 and N15-labeled recombinant protein (NP_057424)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217657
Predicted MW:	179.2 kDa
Protein Sequence:	>RC217657 representing NM_016340 Red=Cloning site Green=Tags(s)

MNSPVDPGARQALRKKPPERTPEDLNTIYSYLHGMEILSNLREHQLRLMSARARYERYSGNQVLFCESETI
ARCWYILLSGSVLVKGSMLPCCSFGKQFGGKRGCDCLVLEPSEMIVVENAKDNEDSILQREIPARQSRR
RFRKINYKGERQITDDDEVNSYLSLPADLTKMHLTENPHQVTHVSSSQSGCSIASDSGSSSLSDIYQA
TESEVGDVDLTRLPEGPVDEDEDEEEDIEIDRTDPLQGRDLVRECLEKEPADKTDDEIEQLLEFMHQLPA
FANMTMSVRRELCSVMIFEVVEQAGAIILEDGQELDSWYVILNGTVEISHPDGKVENLFGMSFGITPTL
DKQYMHGIVRTKVDDCQFVCIQQDYWRILNHVEKNTHKVEEEGEIVMVHEHRELDMSGTRKGHIVIKAT
PERLIMHLIEEHSIVDPTYIEDFLTYRTFLESPLDVGIKLLEWFKIDSRLDKVTRIVLLWVNNHFNDFE
GDPAMTRFLEEFKNLEDTKMNGHLRLNIAACAkakwRQVVLQKASRESPLQFSLNGGSEKGFIFVEG
VEPGSKAADSGLRGDQIMEVNGQNFENITFMKAVEILRNNTHLALTVKTNIFVFKELLFRTEQEKSGVP
HIPKIAEKKSNRHSIQHVPDIEQTSQEKGSKKVKANTVSGGRNKIRKILDKTRFSILPPKLFSDGGLSQ
SQDDSIIVGTRHCRHSLAIMPPIGTLSSSSPDLLQPTTSMDFSNPSDIPDQVIRVFKVDQQSCYIIISKD
TTAKEVVFHAVHEFGLTGASDYSLCEVSVTPEGVIKQRRLPDQF SKLADRIQLNGRYLKNMETETLC
SDEDAQELVKESQLSMLQLSTIEVATQLSMRDFDLFRNIEPTEYIDDLFKLNSKTGNTHLKRFDIVNQE
TFWVASEILTEANQLKRMKIIKHFIKIALHCRECKNFNSMFAIISGLNLASVARLRGTWEKLP SKYEKHL
QDLQDIFDPSRNMAYRNILSSQSMQPPIIPLFPVVKDMTFLHEGNDSKVDGLVNF EKLRMISKEIRQV
VRMTSANMDPAMMFRQSLSQGSTNSNMLDVQGGAHKKRARRSSLLNAKKLYEDAQMARKVKQYLSLSDV
ETDEEFQMSLQWEPAYGTLTKNLSEKRSKSEMSPVPMRSAGQTTKAHLHQPHRVSVQLQVPAVNLH
PIRKKGQTKDPALNTSLPQKVLGTTEEISGKKHTEDTISVASSLHSSPPASPQGSPPHKGTYLIPSAKSDN
LSDSSHSEISSRSSIVSNCSVDSMSAALQDERCSSQALAVPESTGALEKTEHASGIGDHSQHGPWTLLK
PSLIKCLAVSSSVSNEEISQEHIIIEAADSGRGSWTSCSSSHDNFQSLPNPKSWDFLNSYRHTHLDDEPI
AEVEPTDSEPYSCSKSCSRTCGQCKGSLERKSWTSSSSLSDTYEPNYGTVKQRVLESTPAESSEGLDPKD
ATDPVYKTVTSSTEKGLIVYCVTSPKKDDRYREPPPTPPGYLGISLADLKEGPHHLKPPDYSVAVQRSK
MMHNSLRLPPASLSSNLVACVPSKIVTQPQRHNLQPFHPKLGVDTDADSEADENEQVSAV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

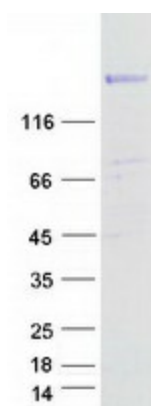
Tag: C-Myc/DDK



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057424
RefSeq Size:	6390
RefSeq ORF:	4803
Synonyms:	KIA001LB; PDZ-GEF2; PDZGEF2; RA-GEF-2; RAGEF2
Locus ID:	51735
UniProt ID:	Q8TEU7
Cytogenetics:	5q31.1
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]).