

Product datasheet for **TP509808**

Rap1gap (BC052065) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rap1 GTPase-activating protein (cDNA clone MGC:62462 IMAGE:5708181), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209808 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDEQRCSFPPPLKTEEDYIPYPSVHEVLGREGPFPLILLPQFGGYWIEGTNHEISSLPETEPLQSPTTKV KLECNPTARIYRKHFLGKEHFNYSLDTALGHLVFLSKYDVIQDQEHRLRLLRTRKCRTHHDVIPISCLTE FPNVVQMAKLVCEVDVNVDRFYPVLYPKASRLIVTFDEHVISNNFKFGVIYQKLGQTSEEEELFSTNEESPA FVEFLEFLGQKVKLQDFKGFGRGLDVTHGQTGTESVYCNFRNKEIMFHVSTKLPYTEGDAQQLQRKRHIG NDIVAVVFQDENTPFVPMIASNFLHAYVVVQAEGGGPDGPLYKVSVTARDDVPPFGPPLPDAVFRKGP EFQEFLLTKLINAAYACYKA EKFAKLEERTRAALETLYEELHIHSQSMMLGGDDDKMENGSGGGGFFE SFKRVIRSRSQSM DAMGLSNKKPNTVSTSHSGSFTPNPDLAKAAGISLIVPGKSPTRKKSGPFGSRRSS AIGIENIQEVQEKRESPPAGQKTPDSGHVSQEPKSENSSTQSSPEMPTTKNRVESAAQRTEVLQGFSS SSASSFTSVEETEGVDGDDTGLHMAGRQREHHERGQLPSEVAPSCPPSQASHGHPTQTSASRGTLRVR SRSNWKHLSSTHPRWAASCHLISRRD</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	73.1 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	110351
UniProt ID:	A2ALS5
RefSeq Size:	3215
Cytogenetics:	4 70.02 cM
RefSeq ORF:	1968
Synonyms:	1300019I11Rik; 2310004O14Rik; AI427470; ARPP-90; Gap; Rap1ga1; Rap1GAP1
Summary:	GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]