



Recombinant Human Rap1 GTPase-activating protein 2 (RAP1GAP2)

Product Code	CSB-MP715002HU
Abbreviation	RAP1GAP2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q684P5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MFGRKRVSFS GGFGWIDKTM LASLKVKKQE LANSSTATLP DRPLSPPLTA PPTMKSSEFF EMLEKMQGIK LEEQKPGPQK NKDDYIPYPS IDEVVEKGGP YPQVILPQFG GYWIEDPENV GTPTSLGSSI CEEEEEDNLS PNTFGYKLEC KGEARAYRRH FLGKDHLNFY CTGSSLGNLI LSVKCEEAEG IEYLRVILRS KLKTVHERIP LAGLSKLPSV PQIAKAFCD AVGLRFNPVL YPKASQMIVS YDEHEVNNTF KFGVIYQKAR QTLEEEELFGN NEESPAFKEF LDLLGDTITL QDFKGFRRGL DVTHGQTGVE SVYTTFRDRE IMFHVSTKLP FTDGDAQQLQ RKRHIGNDIV AIFQEENTP FVPDMIASNF LHAYIVVQVE TPGTETPSYK VSVTAREDPV TFGPPLPSP VFQKGPEFRE FLLTKLTNAE NACCKSDKFA KLEDRTAAL LDNLHDELHA HTQAMLGLGP EEDKFENGGH GGFLESFKRA IRVRSHMET MVGGQKSHS GGIPGSLSGG ISHNSMEVTK TTFSPVVA TVKNQSRSPI KRRSGLFPRL HTGSEGQGDS RARCDSTSST PKTPDGGHSS QEISETSSN PSSPEICPNK EKPFMKLKEN GRAISRSSSS TSSVSSTAGE GEAMEEGDSG GSQPSTTSPF KQEVFVYSPS PSSEPSLGA AATPIIMSRS PTDAKSRNSP RSNLKFREFDK LSHASSGAGH
Source	Mammalian cell
Target Names	RAP1GAP2
Protein Names	Recommended name: Rap1 GTPase-activating protein 2 Short name= Rap1GAP2 Alternative name(s): GTPase-activating Rap/Ran-GAP domain-like protein 4
Expression Region	1-730
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a GTPase-activating protein that activates the small guanine-nucleotide-binding protein Rap1 in platelets. The protein interacts with



synaptotagmin-like protein 1 and Rab27 and regulates secretion of dense granules from platelets at sites of endothelial damage. Multiple transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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