



# Recombinant Human Rap1 GTPase-activating protein 2 (RAP1GAP2)

<b>Product Code</b>	CSB-EP715002HU-B
<b>Abbreviation</b>	RAP1GAP2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q684P5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MFGRKRVSFSF 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 AIIFQEENTP FVPDMIASNF LHAYIVVQVE TPGTETPSYK VSVTAREDVP 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
<b>Source</b>	E.coli
<b>Target Names</b>	RAP1GAP2
<b>Protein Names</b>	Recommended name: Rap1 GTPase-activating protein 2 Short name= Rap1GAP2 Alternative name(s): GTPase-activating Rap/Ran-GAP domain-like protein 4
<b>Expression Region</b>	1-730
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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