



# Recombinant Rat Rap guanine nucleotide exchange factor 5 (Rapgef5)

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| <b>Product Code</b>      | CSB-MP019333RA   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P83900   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MGSSRLRVFD PPLERKDSAA LSERQLPLPT FDVPYFKYID EEDEDDEWGS<br>RSQSSTEDDS VDSLLSDRYV VVSGTPEKIL EHLNLDHLA EVQHKETETL<br>LDDFLLTYTV FMTTDDLCQA LLRHYSACKY QGEEENS DVP CRKRKVLHLV<br>SQWISLYKDW LHEDEHSKMF LKTIYRNVLD DVYEYPILEK ELKEFQKILG<br>MHRRHTVDEY SPQKKNKALF HQFSLKENWL QHRGTVAETE EIFCHVYVTE<br>HSYISVKAKV SSTAQEILKV VAEKLQRAEE DLALVAIMFS GEKHEFQPND<br>LAISKSLEAS GRIYVYRKDL ADTLNPF AEN EESQQRSMRI LGMNTWDLAL<br>ELMSFDWSLF NSIHEQELIY FTFSRQGS GE HTVNLSLLLQ RCNEVQLWVA<br>TEILLCSQLG KRVQLVKKFI KIAAHCKAQQ NLNSFFAIVM GLNTASVSRL<br>SQTWEKIPGK FKKLFSELES LTDPSLNHKA YRDAFKKMKP PKIPFMPLLL<br>KDVTFIHEGN KTFLDNLVNF EKLHMIADTV RTL RH CRTNQ FGSDMSPKEQ<br>QELKSYVNHL YVIDSQQALF ELSHRLEPRA |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | Rapgef5  |
| <b>Protein Names</b>     | Recommended name: Rap guanine nucleotide exchange factor 5 Alternative name(s): M-Ras-regulated Rap GEF Short name= MR-GEF Short name= rMR-GEF   |
| <b>Expression Region</b> | 1-580  |
| <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>Reconstitution</b>    | 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.  |
| <b>Shelf Life</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.  |