



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

<b>Product Code</b>	CSB-EP019333RA
<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 RSQSSTEDDS VDSLLSDRYV VVSGTPEKIL EHLNLDHLA EVQHKETETL LDDFLLTYTV FMTTDDLCQA LLRHYSACKY QGEEENS DVP CRKRKVLHLV SQWISLYKDW LHEDEHSKMF LKTIYRNVLD DVYEYPILEK ELKEFQKILG MHRRHTVDEY SPQKKNKALF HQFSLKENWL QHRGTVAETE EIFCHVYVTE HSYISVKAKV SSTAQEILKV VAEKLQRAEE DLALVAIMFS GEKHEFQPNP LAISKSLEAS GRIYVYRKDL ADTLNPF AEN EESQQRSMRI LGMNTWDLAL ELMSFDWSLF NSIHEQELIY FTFSRQGS GE HTVNLSLLLQ RCNEVQLWVA TEILLCSQLG KRVQLVKKFI KIAAHCKAQQ NLNSFFAIVM GLNTASVSRL SQTWEKIPGK FKKLFSELES LTDPSLNHKA YRDAFKKMKP PKIPFMPLLL KDVTFIHEGN KTFLDNLVNF EKLHMIADTV RTL RH CRTNQ FGSDMSPKEQ QELKSYVNHL YVIDSQQALF ELSHRLEPRA
<b>Source</b>	E.coli
<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.