



# Recombinant Human Rho guanine nucleotide exchange factor 9 (ARHGEF9)

<b>Product Code</b>	CSB-MP002057HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43307
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTLLITGDSI VSAEAVWDHV TMANRELAFK AGDVIKVLDA SNKDWVWGQI  DDEEGWFPAS FVRLWVNQED EVEEGPSDVQ NGHLDPNSDC  LCLGRPLQNR DQMRANVINE IMSTERHYIK HLKDICEGYL KQCRKRDMF  SDEQLKVIFG NIEDIYRFQM GFVRDLEKQY NNDDPHLSEI GPCFLEHQDG  FWIYSEYCNN HLDACMELSK LMKDSRYQHF FEACRLLQQM IDIAIDGFL  TPVQKICKYP LQLAELLKYT AQDHSDYRYV AAALAVMRNV TQQINERKRR  LENIDKIAQW QASVLDWEGE DILDRSSELI YTGEMAWIYQ PYGRNQQRVF  FLFDHQMVLC KKDILRRDIL YYKGRIDMDK YEVDIEDGR DDDFNVSMKN  AFKLNKETE EIHLFFAKKL EEKIRWLRAF REERKMVQED EKIGFEISEN  QKRQAAMTVR KVPKQKGVNS ARSVPPSYPP PQDPLNHGQY LVPDGLAQSQ  VFEFTEPKRS QSPFWQNFSSR LTPFKK</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ARHGEF9
<b>Protein Names</b>	Recommended name: Rho guanine nucleotide exchange factor 9 Alternative name(s): Collybistin PEM-2 homolog Rac/Cdc42 guanine nucleotide exchange factor 9
<b>Expression Region</b>	1-516
<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.