



Recombinant Human Rho-related GTP-binding protein RhoD (RHOD)

Product Code	CSB-BP019688HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00212
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTAAQAAGEE APPGVRSVKV VLVGDGGCGK TSLLMVFADG AFPESTPTPTV FERYMVNLQV KGKPVHLHIW DTAGQDDYDR LRPLFYPDAS VLLLCFDVTS PNSFDNIFNR WYPEVNHFCCK KVPIIVVGCK TDLCKDKSLV NKLRRNGLEP VTYHRGQEMA RSVGAVAYLE CSARLHDNVH AVFQEAAEVA LSSRGRNFWR RITQGFC
Source	Baculovirus
Target Names	RHOD
Protein Names	Recommended name: Rho-related GTP-binding protein RhoD Alternative name(s): Rho-related protein HP1 Short name= RhoHP1
Expression Region	1-207
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	Ras homolog, or Rho, proteins interact with protein kinases and may serve as targets for activated GTPase. They play a critical role in muscle differentiation. This protein binds GTP and is a member of the small GTPase superfamily. It is involved in endosome dynamics and reorganization of the actin cytoskeleton, and it may coordinate membrane transport with the function of the cytoskeleton.
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	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.