



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

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| Product Code | CSB-EP019688HU-B |
| 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 AFPESYTPTV FERYMVNLQV KGKPVHLHIW DTAGQDDYDR LRPLFYPDAS VLLLCFDVTS PNSFDNIFNR WYPEVNHFKK KVPIIVVGCK TDLCCKDKSLV NKLRRNGLEP VTYHRGQEMA RSVGAVAYLE CSARLHDNVH AVFQEAEEVA LSSRGRNFWR RITQGFC |
| Source | E.coli |
| 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. |