

**RhoD, 18-207aa, Human, His tag, E.coli**

**Cat.NO.: TP03736**

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3th Edition

**Synonyms:**Rho-related GTP-binding protein RhoD, ARHD,RHOHP1, RHOM

**Description:**Rho-related GTP-binding protein, also known as RhoD, belongs to the small GTPase superfamily. The small GTPase Rho D contributes to rearrangement of the actin cytoskeleton and cell surface and also governs endosome motility and distribution. Recombinant human RhoD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT,50% glycerol, 200mM NaCl, 2mM EDTA, 0.1mM PMSF

**Molecular Weight:**23.8kDa (211aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMVKVVLVGDGGCGKTSLLMVFADGAFPESYTPTVFERYMVNLQVKGKPVHLHIW  
DTAGQDDYDRLRPLFYPDASVLLLCFDVTSPNSFDNIFNRWYPEVNHFCCKVPIIVVGCKTDLRKDKSLVNKLRRNG  
LEPVTYHRGQEMARSVGAVAYLECSARLHDNVHAVFQEAAEVALSSRGRNFWRRITQGFC

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.