

**AR09942PU-S****Human RhoD (18-207, His-tag) - Purified****Alternate names:**

ARHD, Rho-related GTP-binding protein RhoD, Rho-related protein HP1, RhoHP1

**Quantity:**

10 µg

**Concentration:**

0.25 mg/ml (determined by Bradford assay)

**Background:**

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.

**Uniprot ID:**[O00212](#)**NCBI:**[NP\\_055393](#)**GeneID:**[29984](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >90%**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 50% glycerol, 200mM NaCl, 2mM EDTA, 0.1mM PMSF**Description:**

Recombinant human RhoD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHHH SSGLVPRGSH MVKVVLVGDG GCGKTSLLMV FADGAFPESEY TPTVFERVMV  
NLQVKGKPVH LHIWDTAGQD DYDRLRPLFY PDASVLLLCF DVTSPNSFDN IFNRWYPEVN  
HFCKKVPILIV VGCKTDLRKD KSLVNKLRRN GLEPVTYHRG QEMAR.SVGAV AYLECSARLH  
DNVHAVFQEA AEVALSSRGR NFWRRITQGF C

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

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

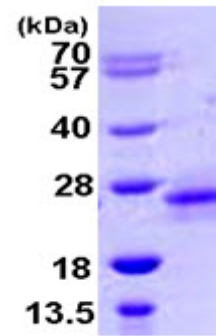
Shelf life: one year from despatch.

**General Readings:**

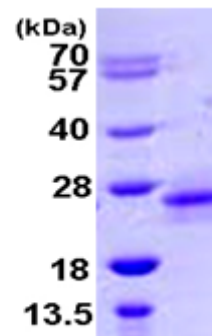
Regnauld, K., et al. (2002) Oncogene. 21: 4020-4031.

Pictures:

Recombinant human RhoD, 18-207aa,  
His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)