

Recombinant Human Rho-Related GTP-Binding Protein RHOD, His-tagged

Cat. No. RHOD-968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Product Overview	Recombinant human RHOD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques(18-207aa).
Description	Rho-related GTP-binding protein, also known as RHOD, belongs to the small GTPase superfamily. The small GTPase RHOD contributes to rearrangement of the actin cytoskeleton and cell surface and also governs endosome motility and distribution.
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
Purity	> 90% by SDS - PAGE
Concentration	0.25mg/ml (determined by Bradford)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MVKVVLVGDG GCGKTSLLMV FADGAFPESY TPTVFERYMV NLQVKGKPVH LHIWDTAGQD DYDRLRPLFY PDASVLLLCF

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DVTSPNSFDN IFNRWYPEVN HFCKKVPIIV VGCKTDLRKD KSLVNLRRN
GLEPVTYHRG QEMARSVGAV AYLECSARLH DNVHAVFQEA AEVALSSRGR
NFWRRITQGF C

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.

GENE INFORMATION
Gene Name

RHOD ras homolog gene family, member D [Homo sapiens]

Synonyms

RHOD; RHOHP1; RHOM; RhoD; ARHD; Rho; rashomolog gene family, member D; rho-related GTP-binding protein RhoD; ras homolog D; RhoHP1; Rho-related protein HP1; ras homolog gene family, member A

Gene ID

29984

mRNA Refseq

NM_014578

Protein Refseq

NP_055393

MIM

605781

UniProt ID

O00212

**Chromosome
Location**

11q14.3

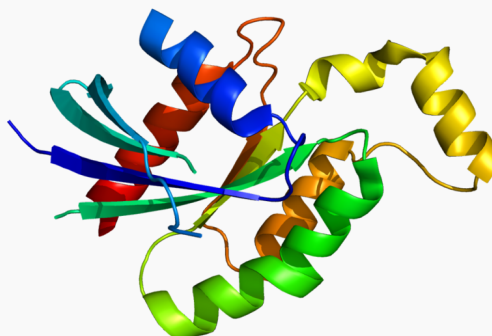
Function

GTP binding; GTPase activity; nucleotide binding

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