Recombinant Human RHOD, His-tagged

Cat. No. RHOD-28246TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RHOD with an N terminal His tag; predicted mwt: 23kDa.
Species	Human
Source	E.coli
ProteinLength	210 amino acids
Description	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. The protein encoded by this gene 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.
Conjugation	HIS
Molecular Weight	23.000kDa
Tissue specificity	Heart, placenta, liver, skeletal muscle, and pancreas and, with weaker intensity, in several other tissues.
Form	Liquid
Purity	by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage buffer	Preservative: 150mM ImidazoleConstituents: 25% Glycerol, 50mM MOPS, 300mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the small GTPase superfamily. Rho family.

GENE INFORMATION

Gene Name	RHOD ras homolog gene family, member D [Homo sapiens]
Official Symbol	RHOD
Synonyms	RHOD; ras homolog gene family, member D; ARHD; rho-related GTP-binding protein RhoD; Rho; Rho related GTP binding protein RhoD; Rho related protein HP1; RhoD; RhoHP1;
Gene ID	29984
mRNA Refseq	NM_014578
Protein Refseq	NP_055393
MIM	605781
Uniprot ID	O00212
Chromosome Location	11q14.3

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA