

Recombinant Human RHOD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHOD-1868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHOD MS Standard C13 and N15-labeled recombinant protein (NP_055393) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	23.5 kDa
AA Sequence	MTAAQAAGEEAPPGVRSVKVVLVGDDGGCGKTSLLMVFADGAFPESTPTVFERYM VNLQVKGKPVHLHIWDTAGQDDYDRLRPLFYPDASVLLLCFDVTSPNSFDNIFNRW YPEVNHFCCKKVPPIIVVGCKTDLRKDKSLVNKLRRNGLEPVTYHRGQEMARSVGAVA YLECSARLHDNVHAVFQEAAEVALSSRGRNFWRRITQGFCVVTTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

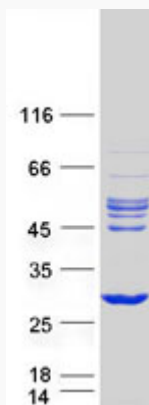
GENE INFORMATION

Gene Name	RHOD ras homolog family member D [Homo sapiens (human)]
Official Symbol	RHOD
Synonyms	RHOD; ras homolog family member D; ARHD, ras homolog gene family, member D; rho-related GTP-binding protein RhoD; Rho; Rho related GTP binding protein RhoD; Rho related protein HP1; RhoD; RhoHP1; ras homolog D; Rho-related protein HP1; ras homolog gene family, member A; ras homolog gene family, member D; ARHD; RHOM; RHOHP1;
Gene ID	29984
mRNA Refseq	NM_014578
Protein Refseq	NP_055393
MIM	605781
UniProt ID	O00212

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SDS-PAGE

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