

Product datasheet for TP301722

RHOD (NM_014578) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ras homolog gene family, member D (RHOD), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201722 protein sequence Red =Cloning site Green =Tags(s)
	MTAAQAAGEEAPPGVRSVKVVLVGDGGCGKTSLLMFADGAFPESYTPTVFERYMVNLQVKGKPVHLHIW DTAGQDDYDRLRPLFYPDASVLLLCFDVTSPNSFDNIFNRWYPEVNHFCCKVPIIIVGCKTDLRKDKSLV NKLRRNGLEPVTYHRGQEMARSVGAVAYLECSARLHDNVHAVFQEAAEVALSSRGRNFWRRITQGFCVWT
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055393
Locus ID:	29984
UniProt ID:	O00212
RefSeq Size:	1150



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Cytogenetics: 11q13.2

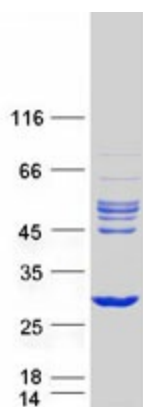
RefSeq ORF: 630

Synonyms: ARHD; Rho; RHOHP1; RHOM

Summary: 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. [provided by RefSeq, Jul 2014]

Protein Pathways: Axon guidance

Product images:



Coomassie blue staining of purified RHOD protein (Cat# TP301722). The protein was produced from HEK293T cells transfected with RHOD cDNA clone (Cat# [RC201722]) using MegaTran 2.0 (Cat# [TT210002]).