

Product datasheet for **TP502278**

Rhod (NM_007485) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ras homolog family member D (Rhod), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202278 protein sequence Red =Cloning site Green =Tags(s)

MNASQVAGEEAPQSGHSVKVVLVGDGGCGKTSLMMVFAKGAFPESYSPTVFERYNATLQMKGKPVHLQIW
DTAGQDDYDRLRPLFYPDANVLLLCFDVTNPNSFDNVSNRWYPEVTHFCKGVPIIVGCKIDLRKDKVLV
NNLRKKRLEPVTYHRGHDMARSVGAVAYLECSARLHDNVEAVFQEAEEVALSSRRHNFWRITQNCCLAT

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	23.6 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
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 after receiving vials.
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:	<u>NP_031511</u>
Locus ID:	11854
UniProt ID:	<u>P97348</u> , <u>Q545H8</u>
RefSeq Size:	1338
Cytogenetics:	19 A



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RefSeq ORF: 633

Synonyms: AI326383; Arhd; Rho; RhoHP1; RhoM

Summary: Involved in endosome dynamics. May coordinate membrane transport with the function of the cytoskeleton. Involved in the internalization and trafficking of activated tyrosine kinase receptors such as PDGFRB. Participates in the reorganization of actin cytoskeleton; the function seems to involve WHAMM and includes regulation of filopodia formation and actin filament bundling. Can modulate the effect of DAPK3 in reorganization of actin cytoskeleton and focal adhesion dissolution.[UniProtKB/Swiss-Prot Function]