

Product datasheet for **TP502289**

Rhof (NM_175092) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ras homolog family member F (in filopodia) (Rhof), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202289 protein sequence Red =Cloning site Green =Tags(s)
	 MDAPGAPAPAAAAPSSARKELKIVIVGDGGCGKTSLLMVYCQGSFPEHYAPSVFEKYTASVTVGNKEVTLN LYDTAGQEDYDRLRPLSYQNTHLVLCYDVMNPTSVDNVLKWFPEVTHFCRGIPTVLIGCKTDLRKDKE QLRKLRAAQLEPITYTQGLNACEQMRGALYLECSAKFRENVEDVFREAAKVALSALKKAQRQKKHRICLL L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_780301
Locus ID:	23912
UniProt ID:	Q8BYP3 , Q4VA10
RefSeq Size:	2143



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Cytogenetics:	5 62.77 cM
RefSeq ORF:	636
Synonyms:	AI845056; Arhf; AV026554; Ifld1; Rif
Summary:	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. Causes the formation of thin, actin-rich surface projections called filopodia. Functions cooperatively with CDC42 and Rac to generate additional structures, increasing the diversity of actin-based morphology (By similarity). [UniProtKB/Swiss-Prot Function]