

## Product datasheet for TP322772L

### RHOF (NM\_019034) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ras homolog gene family, member F (in filopodia) (RHOF), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222772 representing NM_019034 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MDAPGALAQTAAPGPGRKELKIVIVGDGGCGKTSLLMVYSQGSFPEHYAPSVFEKYTASVTVGSKEVTLN LYDTAGQEDYDRLRPLSYQNTHLVLCYDVMNPTSVDNVLIKWFPEVTHFCRGIPMVLIGCKTDLRKDKE QLRKLRAAQLEPITYMQGLSACEQIRAALYLECSAKFRENVEDVFREAAKVALSALKKAQRQKKRRLLCL L  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	23.4 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:	<u><a href="#">NP_061907</a></u>
Locus ID:	54509



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UniProt ID: [Q9HBH0](#)

RefSeq Size: 2451

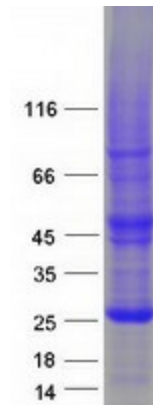
Cytogenetics: 12q24.31

RefSeq ORF: 633

Synonyms: ARHF; 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.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified RHOF protein (Cat# [TP322772]). The protein was produced from HEK293T cells transfected with RHOF cDNA clone (Cat# [RC222772]) using MegaTran 2.0 (Cat# [TT210002]).