

Recombinant Mouse Rhof Protein, Myc/DDK-tagged

Cat. No. Rhof-5506M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ras homolog family member F (in filopodia) (Rhof), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Rhof ras homolog family member F (in filopodia) [Mus musculus (house mouse)]
Official Symbol	Rhof
Synonyms	RHOF; ras homolog gene family, member f; rho-related GTP-binding protein RhoF; induced in fatty liver dystrophy 1; ras homolog gene family, member f (in filopodia); Rif; Arhf; Ifld1; AI845056; AV026554
Gene ID	23912
mRNA Refseq	NM_175092
Protein Refseq	NP_780301
UniProt ID	Q8BYP3

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