Recombinant Human RHOF Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHOF-1372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHOF MS Standard C13 and N15-labeled recombinant protein (NP_061907) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	23.4 kDa
AA Sequence	MDAPGALAQTAAPGPGRKELKIVIVGDGGCGKTSLLMVYSQGSFPEHYAPSVFEKY TASVTVGSKEVTLNLYDTAGQEDYDRLRPLSYQNTHLVLICYDVMNPTSYDNVLIKW FPEVTHFCRGIPMVLIGCKTDLRKDKEQLRKLRAAQLEPITYMQGLSACEQIRAALYL ECSAKFRENVEDVFREAAKVALSALKKAQRQKKRRLCLLLTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RHOF ras homolog family member F, filopodia associated [Homo sapiens (human)]
Official Symbol	RHOF
Synonyms	RHOF; ras homolog family member F (in filopodia); ARHF, ras homolog gene family, member F (in filopodia); rho-related GTP-binding protein RhoF; FLJ20247; RIF; rho in filopodia; rho family GTPase Rif; ras homolog gene family, member F (in filopodia); ARHF;
Gene ID	54509
mRNA Refseq	NM_019034
Protein Refseq	NP_061907
MIM	618867
UniProt ID	Q9HBH0

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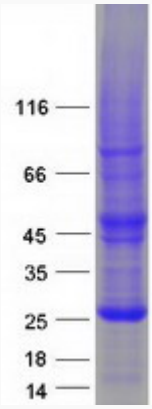
SDS-PAGE	

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