

Product datasheet for PH322772

RHOF (NM_019034) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | RHOF MS Standard C13 and N15-labeled recombinant protein (NP_061907) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC222772 |
| Predicted MW: | 23.4 kDa |
| Protein Sequence: | >RC222772 representing NM_019034 Red=Cloning site Green=Tags(s) MDAPGALAQTAAPGPRKELKIVIVGDGGCGKTSLLMVYSQGSFPEHYAPSVFEKYTASVTVGSKEVTLN LYDTAGQEDYDRLRPLSYQNTHLVLICVDNMNPTSVDNVLKWFPEVTHFCRGIPMVLIGCKTDLRKDKE QLRKLRAAQLEPITYMQGLSACEQIRAALYLECSAKFRENVEDVFREAAKVALSALKKAQRQKRRRLCLL L TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_061907 |
| RefSeq Size: | 2451 |
| RefSeq ORF: | 633 |
| Synonyms: | ARHF; RIF |
| Locus ID: | 54509 |
| UniProt ID: | Q9HBH0 |

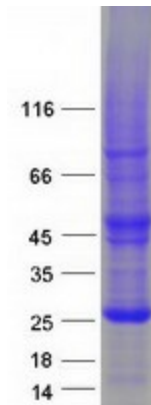


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Cytogenetics: 12q24.31

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]).