

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

**Cat. No.** RHOJ-4525H    **Lot. No.** (See product label)

### SPECIFICATION

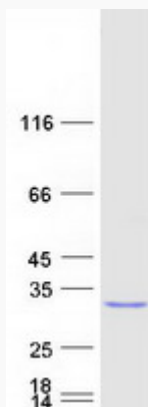
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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RHOJ MS Standard C13 and N15-labeled recombinant protein (NP_065714) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes one of the many small GTP-binding proteins in the Rho family shown to be associated with focal adhesions in endothelial cells (PMID: 21148427, 22103495). The encoded protein is activated by vascular endothelial growth factor and may regulate angiogenesis. |
| <b>Molecular Mass</b>   | 23.8 kDa                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MNCKEGTDSSCGCRGNDEKKMLKCVVVG DGAVGKTCLLSYANDAFPEEYVPTVF<br>DHYAVTVTVGGKQHLLGLYDTAGQEDYNQLRPLSYNTDVFLLICFSVVPASYHNV<br>QEEWVPELKDCMPHVPYVLIGTQIDLRDDPKTLARLLYMKEKPLTYEHGVKLAKAIG<br>AQCYLECSALTQKGLKAVFDEAILTIFHPKKKKKRCSEGHSCCSIITRTRPLEQKLISE<br>EDLAANDILDYKDDDDKV              |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                       |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                        |

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>        | RHOJ ras homolog family member J [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b>  | RHOJ                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | RHOJ; ras homolog family member J; ARHJ, ras homolog gene family, member J, RAS like, family 7, member B, RASL7B; rho-related GTP-binding protein RhoJ; FLJ14445; TCL; TC10-like Rho GTPase; RAS-like, family 7, member B; tc10-like GTP-binding protein; ras homolog gene family, member J; ras-like protein family member 7B; ARHJ; TC10B; RASL7B; MGC34777; |
| <b>Gene ID</b>          | 57381                                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_020663                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_065714                                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>              | 607653                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>       | Q9H4E5                                                                                                                                                                                                                                                                                                                                                         |

**SDS-PAGE**

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