

# Recombinant Human RAB38 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RAB38-1089H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RAB38 MS Standard C13 and N15-labeled recombinant protein (NP_071732) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | RAB38 (RAB38, Member RAS Oncogene Family) is a Protein Coding gene. Diseases associated with RAB38 include Oculocutaneous Albinism and Hermansky-Pudlak Syndrome. Among its related pathways are RAB GEFs exchange GTP for GDP on RABs and Metabolism of proteins. Gene Ontology (GO) annotations related to this gene include GTP binding. An important paralog of this gene is RAB32. |
| <b>Molecular Mass</b>   | 23.7 kDa                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MQAPHKEHLYKLLVIGDLGVGKTSIIKRYVHQNFSSHYRATIGVDFALKVLHWDPETV<br>VRLQLWDIAGQERFGNMTRVYYREAMGAFIVFDVTRPATFEAVAKWKNDLDSKLSL<br>PNGKPVSVVLLANKCDQGKDVLMMNGLKMDQFCKEHGFVGWFETSAKENINIDEAS<br>RCLVKHILANECDLMESIEPDVVKPHLTSTKVASCSGCAKSTRTRPLEQKLISEEDLA<br>ANDILDYKDDDDKV                                                                                                                      |
| <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                                                                                                                                                                                                                                                                                                          |

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conditions.

**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** RAB38 RAB38, member RAS oncogene family [ Homo sapiens (human) ]

**Official Symbol** RAB38

**Synonyms** RAB38; RAB38, member RAS oncogene family; ras-related protein Rab-38; NY MEL 1; melanoma antigen NY-MEL-1; Rab-related GTP-binding protein; rrGTPbp; NY-MEL-1;

**Gene ID** 23682

**mRNA Refseq** NM\_022337

**Protein Refseq** NP\_071732

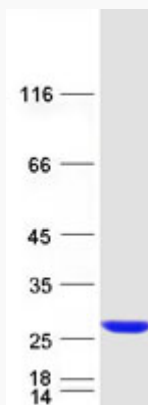
**MIM** 606281

**UniProt ID** P57729

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**SDS-PAGE**

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