

# Recombinant Full Length Human RAB11B Protein, C-Flag-tagged

**Cat. No.** RAB11B-1330HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human RAB11B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | The Ras superfamily of small GTP-binding proteins, which includes the Ras, Rho, Rap, and Rab families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 24.3 kDa                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MGTRDDEYDYLFKVVLLIGDSGVGKSNLLSRFTRNEFNLESKSTIGVEFATRSIQVDG<br>KTIKAQIWDTAGQ ERYRAITSAYYRGAVGALLVYDIAKHLTYENVERWLKELRDHAD<br>SNIVIMLVGNKSDLRHLRAVPTDEAR AFAEKNNLSFIETSALDSTNVEEAFKNILTEIY<br>RIVSQKQIADRAAHDESPGNNVVDISVPPTTDGQKPN<br>KLQCCQNLTRTRPLEQKLISEEDLAANDILDYKDDDDKV                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                          |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Druggable Genome                                                                                                                              |
| <b>Protein Pathways</b> | Endocytosis                                                                                                                                   |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">RAB11B</a> <a href="#">RAB11B, member RAS oncogene family [ Homo sapiens (human) ]</a> |
| <b>Official Symbol</b> | <a href="#">RAB11B</a>                                                                             |
| <b>Synonyms</b>        | H-YPT3; NDAGSCW                                                                                    |
| <b>Gene ID</b>         | <a href="#">9230</a>                                                                               |
| <b>mRNA Refseq</b>     | <a href="#">NM_004218.4</a>                                                                        |
| <b>Protein Refseq</b>  | <a href="#">NP_004209.2</a>                                                                        |
| <b>MIM</b>             | <a href="#">604198</a>                                                                             |

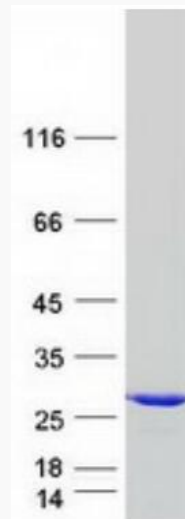
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UniProt ID

Q15907



Coomassie blue staining of purified RAB11B protein.

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