

## Recombinant Full Length Human RABGGTA Protein, Flag tagged

**Cat. No.** RABGGTA-01HFL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein of human Rab geranylgeranyltransferase, alpha subunit (RABGGTA), transcript variant 2 with Flag tag was expressed in HEK293T.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-567 aa                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Predicted to enable small GTPase binding activity. Predicted to contribute to Rab geranylgeranyltransferase activity. Predicted to be involved in endoplasmic reticulum to Golgi vesicle-mediated transport and protein geranylgeranylation. Predicted to be located in cytosol and plasma membrane. Predicted to be part of Rab-protein geranylgeranyltransferase complex. Predicted to be active in cytoplasm. |
| <b>Form</b>             | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 64.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>            | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                                                             |

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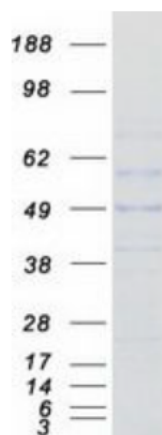
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                       |
| <b>Concentration</b>    | > 0.05 µg/µL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                     |
| <b>Shipping</b>         | Dry ice                                                                                                                                                                                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>        | RABGGTA Rab geranylgeranyltransferase subunit alpha [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b>  | RABGGTA                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>         | RABGGTA; Rab geranylgeranyltransferase subunit alpha; geranylgeranyl transferase type-2 subunit alpha; Rab GG transferase alpha; Rab GGTase alpha; Rab geranylgeranyltransferase alpha subunit; geranylgeranyl transferase type II subunit alpha; protein prenyltransferase alpha subunit repeat containing 3; rab geranylgeranyltransferase subunit alpha; EC 2.5.1.60 |
| <b>Gene ID</b>          | 5875                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_004581                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_004572                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>              | 601905                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>       | Q92696                                                                                                                                                                                                                                                                                                                                                                  |

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**SDS-PAGE**

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