

## Recombinant Mouse Rph3a Protein, Myc/DDK-tagged

**Cat. No.** Rph3a-5582M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length rabphilin 3A (Rph3a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                  |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                            |
| <b>Description</b>      | Protein transport. Probably involved with Ras-related protein Rab-3A in synaptic vesicle traffic and/or synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal. |
| <b>Molecular Mass</b>   | 75.5 kDa                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                       |
| <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 after receiving vials.                                                                                                                                                                                    |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                             |

### GENE INFORMATION

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|                 |                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------|
| Gene Name       | Rph3a rabphilin 3A [ Mus musculus (house mouse) ]                                              |
| Official Symbol | Rph3a                                                                                          |
| Synonyms        | RPH3A; rabphilin 3A; rabphilin-3A; Doc2 family; exophilin-1; AU022689; AW108370; 2900002P20Rik |
| Gene ID         | 19894                                                                                          |
| mRNA Refseq     | NM_011286                                                                                      |
| Protein Refseq  | NP_035416                                                                                      |
| UniProt ID      | P47708                                                                                         |

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