

# Recombinant Mouse Gga3 Protein, Myc/DDK-tagged

**Cat. No.** Gga3-3199M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length golgi associated, gamma adaptin ear containing, ARF binding protein 3 (Gga3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                  |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Plays a role in protein sorting and trafficking between the trans-Golgi network (TGN) and endosomes. Mediates the ARF-dependent recruitment of clathrin to the TGN and binds ubiquitinated proteins and membrane cargo molecules with a cytosolic acidic cluster-dileucine (DXXLL) motif. |
| <b>Molecular Mass</b>   | 78.4 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.                                                                                                                                                                                                                                     |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Gga3 golgi associated, gamma adaptin ear containing, ARF binding protein 3 [ Mus musculus (house mouse) ]                                                                                                         |
| Official Symbol | Gga3                                                                                                                                                                                                              |
| Synonyms        | GGA3; golgi associated, gamma adaptin ear containing, ARF binding protein 3; ADP-ribosylation factor-binding protein GGA3; golgi-localized, gamma ear-containing, ARF-binding protein 3; mKIAA0154; C230037M19Rik |
| Gene ID         | 260302                                                                                                                                                                                                            |
| mRNA Refseq     | NM_173048                                                                                                                                                                                                         |
| Protein Refseq  | NP_766636                                                                                                                                                                                                         |
| UniProt ID      | Q8BMI3                                                                                                                                                                                                            |

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