

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

**Cat. No.** Gart-3155M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length phosphoribosylglycinamide formyltransferase (Gart), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                         |
| <b>Description</b>      | Ubiquitous expression in CNS E11.5 (RPKM 16.3), liver E14 (RPKM 16.1) and 28 other tissues.                                                                    |
| <b>Molecular Mass</b>   | 107.5 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       | Gart phosphoribosylglycinamide formyltransferase [ Mus musculus (house mouse) ]                                      |
| Official Symbol | Gart                                                                                                                 |
| Synonyms        | GART; phosphoribosylglycinamide formyltransferase; trifunctional purine biosynthetic protein adenosine-3; Gaps; Prgs |
| Gene ID         | 14450                                                                                                                |
| mRNA Refseq     | NM_010256                                                                                                            |
| Protein Refseq  | NP_034386                                                                                                            |
| UniProt ID      | Q64737                                                                                                               |

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