

## Recombinant Mouse Dgkg Protein, MYC/DDK-tagged

**Cat. No.** Dgkg-458M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse diacylglycerol kinase, gamma (Dgkg), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                          |
| <b>Description</b>      | Biased expression in cerebellum adult (RPKM 10.5), frontal lobe adult (RPKM 4.6) and 4 other tissues.                                           |
| <b>Molecular Mass</b>   | 88.5 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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|                        |                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Dgkg diacylglycerol kinase, gamma [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | Dgkg                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | Dgkg; diacylglycerol kinase, gamma; 90kDa; Dagk3; AI854428; mKIAA4131; 2900055E17Rik; E430001K23Rik; diacylglycerol kinase gamma; 88 kDa diacylglycerol kinase; DAG kinase gamma; DGK-gamma; diacylglycerol kinase, gamma 3; diacylglycerol kinase, gamma 90kDa; diglyceride kinase gamma; EC 2.7.1.107 |
| <b>Gene ID</b>         | 110197                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_138650                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_619591                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q91WG7                                                                                                                                                                                                                                                                                                  |

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