

## Recombinant Mouse Gk5 Protein, Myc/DDK-tagged

**Cat. No.** Gk5-3220M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length glycerol kinase 5 (putative) (Gk5), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                         |
| <b>Description</b>      | Ubiquitous expression in genital fat pad adult (RPKM 2.4), limb E14.5 (RPKM 1.9) and 27 other tissues.                                         |
| <b>Molecular Mass</b>   | 57.5 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>       | Gk5 glycerol kinase 5 (putative) [ Mus musculus (house mouse) ]                                                                                                   |
| <b>Official Symbol</b> | Gk5                                                                                                                                                               |
| <b>Synonyms</b>        | GK5; glycerol kinase 5 (putative); putative glycerol kinase 5; GK 5; glycerokinase 5; ATP:glycerol 3-phosphotransferase 5; AV095337; C330018K18Rik; G630067D24Rik |
| <b>Gene ID</b>         | 235533                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_177352                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_796326                                                                                                                                                         |
| <b>UniProt ID</b>      | Q8BX05                                                                                                                                                            |

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