

## Recombinant Mouse Rps6ka6 Protein, Myc/DDK-tagged

**Cat. No.** Rps6ka6-5612M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length ribosomal protein S6 kinase polypeptide 6 (Rps6ka6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                      |
| <b>Description</b>      | Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis. |
| <b>Molecular Mass</b>   | 97.9 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       | Rps6ka6 ribosomal protein S6 kinase polypeptide 6 [ Mus musculus (house mouse) ]                                          |
| Official Symbol | Rps6ka6                                                                                                                   |
| Synonyms        | RPS6KA6; ribosomal protein S6 kinase polypeptide 6; ribosomal protein S6 kinase alpha-6; S6K-alpha-6; RSK4; 2610524K04Rik |
| Gene ID         | 67071                                                                                                                     |
| mRNA Refseq     | NM_025949                                                                                                                 |
| Protein Refseq  | NP_080225                                                                                                                 |
| UniProt ID      | Q7TPS0                                                                                                                    |

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