

## Recombinant Mouse Imp4 Protein, Myc/DDK-tagged

**Cat. No.** Imp4-3528M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length IMP4, U3 small nucleolar ribonucleoprotein (Imp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                        |
| <b>Description</b>      | Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing.           |
| <b>Molecular Mass</b>   | 33.7 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>       | Imp4 IMP4, U3 small nucleolar ribonucleoprotein [ Mus musculus (house mouse) ]                                                                                                                          |
| <b>Official Symbol</b> | Imp4                                                                                                                                                                                                    |
| <b>Synonyms</b>        | IMP4; IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast); U3 small nucleolar ribonucleoprotein protein IMP4; U3 snoRNP protein IMP4; U3 snoRNP protein 4 homolog; AA409888; AV031295; D1Wsu40e |
| <b>Gene ID</b>         | 27993                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_178601                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_848716                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q8VHZ7                                                                                                                                                                                                  |

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