

## Recombinant Mouse Mri1 Protein, Myc/DDK-tagged

**Cat. No.** Mri1-4141M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length methylthioribose-1-phosphate isomerase 1 (Mri1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                      |
| <b>Description</b>      | Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P).                                     |
| <b>Molecular Mass</b>   | 39.4 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>       | Mri1 methylthioribose-1-phosphate isomerase 1 [ Mus musculus (house mouse) ]                                                                                                                                                                                                  |
| <b>Official Symbol</b> | Mri1                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | MR11; methylthioribose-1-phosphate isomerase homolog (S. cerevisiae); methylthioribose-1-phosphate isomerase; M1Pi; MTR-1-P isomerase; S-methyl-5-thioribose-1-phosphate isomerase; translation initiation factor eIF-2B subunit alpha/beta/delta-like protein; 2410018C20Rik |
| <b>Gene ID</b>         | 67873                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_026423                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_080699                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q9CQT1                                                                                                                                                                                                                                                                        |

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