

## Recombinant Mouse Slc19a3 Protein, Myc/DDK-tagged

**Cat. No.** Slc19a3-5908M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length solute carrier family 19, member 3 (Slc19a3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                   |
| <b>Description</b>      | Mediates high affinity thiamine uptake, probably via a proton anti-port mechanism. Has no folate transport activity.                                     |
| <b>Molecular Mass</b>   | 55.1 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>       | Slc19a3 solute carrier family 19, member 3 [ Mus musculus (house mouse) ]                                                                                                                         |
| <b>Official Symbol</b> | Slc19a3                                                                                                                                                                                           |
| <b>Synonyms</b>        | SLC19A3; solute carrier family 19, member 3; thiamine transporter 2; thTr-2; solute carrier family 19 (sodium/hydrogen exchanger), member 3; ThTr2; AI788884; A230084E24Rik; MGC129326; MGC129327 |
| <b>Gene ID</b>         | 80721                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_030556                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_085033                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q99PL8                                                                                                                                                                                            |

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