

## Recombinant Mouse Mat1a Protein, MYC/DDK-tagged

**Cat. No.** Mat1a-600M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse methionine adenosyltransferase I, alpha (Mat1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                             |
| <b>Description</b>      | This gene encodes a member of the AdoMet synthase family. Methionine adenosyltransferase is a product of this gene (the alpha form) and the beta form and catalyzes the formation of S-adenosylmethionine from methionine and ATP. |
| <b>Molecular Mass</b>   | 43.5 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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Mat1a methionine adenosyltransferase I, alpha [ Mus musculus (house mouse) ]                                                                                                                                 |
| <b>Official Symbol</b> | Mat1a                                                                                                                                                                                                        |
| <b>Synonyms</b>        | Mat1a; methionine adenosyltransferase I, alpha; Ams; MAT; SAMS; MATA1; SAMS1; AdoMet; AI046368; S-adenosylmethionine synthase isoform type-1; S-adenosylmethionine synthase; adoMet synthetase 1; EC 2.5.1.6 |
| <b>Gene ID</b>         | 11720                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_133653                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_598414                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q91X83                                                                                                                                                                                                       |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA