

Recombinant Mouse Mat1a Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse methionine adenosyltransferase I, alpha (Mat1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	43.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mat1a methionine adenosyltransferase I, alpha [Mus musculus (house mouse)]
Official Symbol	Mat1a
Synonyms	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
Gene ID	11720
mRNA Refseq	NM_133653
Protein Refseq	NP_598414
UniProt ID	Q91X83

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