

Recombinant Mouse Mat2a Protein, Myc/DDK-tagged

Cat. No. Mat2a-3969M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methionine adenosyltransferase II, alpha (Mat2a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the formation of S-adenosylmethionine from methionine and ATP. The reaction comprises two steps that are both catalyzed by the same enzyme: formation of S-adenosylmethionine (AdoMet) and triphosphate, and subsequent hydrolysis of the triphosphate.
Molecular Mass	44.1 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.

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GENE INFORMATION

Gene Name	Mat2a methionine adenosyltransferase II, alpha [Mus musculus (house mouse)]
Official Symbol	Mat2a
Synonyms	MAT2A; methionine adenosyltransferase II, alpha; S-adenosylmethionine synthase isoform type-2; MAT 2; adoMet synthase 2; adoMet synthetase 2; methionine adenosyltransferase 2; S-adenosylmethionine synthetase isoform type-2; MGC6545; D630045P18Rik
Gene ID	232087
mRNA Refseq	NM_145569
Protein Refseq	NP_663544
UniProt ID	Q3THS6

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