

Recombinant Human MAT2A protein, T7-tagged

Cat. No. MAT2A-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAT2A (395 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	395 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGEFMNGQLNGFHEAFIEEGTFLFTSESVGEGHPDKICDQISDA VLD AHLQQDPDAKVACETVA KTGMILLAGEITSRAAVDYQKV VREAVKHIGYDDSSK GFDYKTCNVLVALEQQSPDIAQGVHLDRNEEDIGAGDQ GLMFGYATDETEECMPL TIVLAHKLNAKLAELRRNGTLPWLRPDSKTQVTVQYMQDRGAVLPIRVHTIVISVQHD EEVCLDEM RDALKEKVIKAVVPAKYLDEDTIYHLQPSGRFVIGGPQGDAGLTGRKIIIV DTYGGWGAHGGGAFSGK DYTKVDRSAAYAARWVAKSLVKGGLCRRVLVQVSYAI GVSHPLSISIFHYGTSQKSERELLEIVKKNFDLRPGVI VRDLDLKKPIYQRTAAYGHF GRDSFPWEVPKKLKY
Purity	>90% by SDS-PAGE.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	MAT2A methionine adenosyltransferase II, alpha [Homo sapiens]
Official Symbol	MAT2A
Synonyms	MAT2A; MATA2; MATII; SAMS2; MAT 2; MAT-II; adoMet synthase 2; adoMet synthetase 2; methionine adenosyltransferase 2;
Gene ID	4144
mRNA Refseq	NM_005911
Protein Refseq	NP_005902
MIM	601468
UniProt ID	P31153
Chromosome Location	2p11.2
Pathway	Biological oxidations, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;
Function	ATP binding; metal ion binding; methionine adenosyltransferase activity; nucleotide binding; transferase activity;

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