

Recombinant Human MAT2A Protein, His-tagged

Cat. No. MAT2A-490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAT2A(Leu176~Tyr395) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu176~Tyr395
Description	The protein encoded by this gene catalyzes the production of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the key methyl donor in cellular processes.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[MAT2A methionine adenosyltransferase II, alpha \[Homo sapiens \]](#)

Official Symbol

[MAT2A](#)

Synonyms

MAT2A; methionine adenosyltransferase II, alpha; S-adenosylmethionine synthase isoform type-2; 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](#)

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