

Recombinant Human MAT2A Protein, His-tagged

MAT2A-490H Human

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. |
| 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. |
| Source | E. coli |
| Species | Human |
| Tag | His |
| Form | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Molecular Mass | 28.4kDa |
| Protein length | Leu176~Tyr395 |
| Endotoxin | <1.0EU per 1µg (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 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 |

For Research Use Only

Creative BioMart. All rights reserved

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

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net

mRNA Refseq [NM_005911](#)

Protein Refseq [NP_005902](#)

MIM [601468](#)

UniProt ID [P31153](#)

For Research Use Only

[Creative BioMart](#). All rights reserved
45-1 Ramsey Road, Shirley, NY 11967, USA
Tel: +1-631-559-9269 Fax: +1-631-938-8127
E-mail: info@creative-biomart.com
www.creativebiomart.net