Recombinant Human MAT2B

Cat. No. MAT2B-28861TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MAT2B ; amino acids 1-323 , MWt 36.4kDa.
Species	Human
Source	E.coli
ProteinLength	1-323 a.a.
Description	The protein encoded by this gene belongs to the methionine adenosyltransferase (MAT) family. MAT catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
Tissue specificity	Widely expressed.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the dTDP-4-dehydrorhamnose reductase family. MAT2B subfamily.
Full Length	Full L.

GENE INFORMATION

Gene Name	MAT2B methionine adenosyltransferase II, beta [Homo sapiens]
Official Symbol	MAT2B
Synonyms	MAT2B; methionine adenosyltransferase II, beta; methionine adenosyltransferase 2 subunit beta; MATIIbeta; SDR23E1; short chain dehydrogenase/reductase family 23E; member 1;
Gene ID	27430
mRNA Refseq	NM_013283
Protein Refseq	NP_037415
MIM	605527
Uniprot ID	Q9NZL9
Chromosome Location	5q34-q35
Pathway	Biological oxidations, 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;

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Function	dTDP-4-dehydrorhamnose reductase activity; methionine adenosyltransferase regulator activity; nucleotide binding; protein binding;

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