

## Recombinant Human MAT2B protein, His-tagged

Cat. No. MAT2B-3526H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAT2B protein(1-323 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-323 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	<p>MPEMPEDMEQEEVNIPNRRVLVTGATGLLGRAVHKEFQQNNWHAVGCGFRRARP            KFEQVNLDSNAVHHIIHDFQPHVIVHCAAERRPDVVENQPDAASQLNVDASGNLAK            EAAAVGAFLIYISSDYVFDGTNPPYREEDIPAPLNLYGKTKLDGEKAVLENNLGA AVL            RIPILYGEVEKLEESAVTVMFDKVQFSNKSANMDHWQQRFPTHVKDVATVCRQLAE            KRMLDPSIKGTFHWSGNEQMTKYEMACAIADAFNLPSSHLRPITDSPVLGAQRPRN            TQLDCSKLETLGIGQRTPFRIGIKESLWPFLIDKRWRQTVFH</p>
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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; MAT II beta; putative protein product of Nbla02999; dTDP-4-keto-6-deoxy-D-glucose 4-reductase; putative dTDP-4-keto-6-deoxy-D-glucose 4-reductase; short chain dehydrogenase/reductase family 23E, member 1; beta regulatory subunit of methionine adenosyltransferase; TGR; MAT-II; Nbla02999; MGC12237;

**Gene ID**

[27430](#)

**mRNA Refseq**

[NM\\_013283](#)

**Protein Refseq**

[NP\\_037415](#)

**MIM**

[605527](#)

**UniProt ID**

[Q9NZL9](#)

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