

Recombinant Human MAT2B protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MAT2B protein(1-323 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-323 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MPEMPEDMEQEEVNIPNRRVLVTGATGLLGRAVHKEFQQNNWHAVGCGFRRARP KFEQVNLLDSNAVHHIIHDFQPHVIVHCAAERRPDVVENQPDAASQLNVDASGNLAK EAAAVGAFLIYISSDYVFDGTNPPYREEDIPAPLNLYGKTKLDGEKAVLENNLGA AVL RIPILYGEVEKLEESAVTVMFDKVQFSNKSANMDHWQQRFP THVKDVATVCRQLAE KRMLDPSIKGTFHWSGNEQMTKYEMACAIADAFNLPSSHLRPITDSPVLGAQRPRN TQLDCSKLETLGIGQRTPFRIKESLWPFLIDKRWRQTVFH
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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

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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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