

MAT II beta Recombinant Protein | MAT2B recombinant protein

MAT II beta, 1-323aa, Human, E Coli

CATALOG # AAA48642	HOST E Coli	APPLICATIONS SDS-Page
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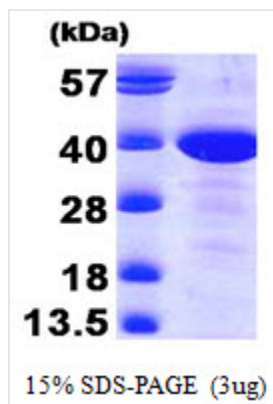
PRODUCT SYNONYMS

MAT II beta; 1-323aa; Human; E Coli; Methionine adenosyltransferase II beta; MAT2B; TGR; Methionine adenosyltransferase II; beta 1110064C04Rik; 2410018D16Rik; AI182287; Au022853; MAT II; MATIIBeta; MGC12237; Nbla02999; SDR23E1; Beta regulatory subunit of methionine adenosyltransferase; dTDP 4 keto 6 deoxy D glucose 4 reductase; Methionine adenosyltransferase 2 beta subunit; Methionine adenosyltransferase 2 subunit beta; OTTMuSP00000005600; Putative protein product of Nbla02999; RP23-382C18.2; Short chain dehydrogenase/reductase family 23E member 1; MAT2B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MPEMPEDMEQ EEVNIPNRRV LVTGATGLLG RAVHKEFQQN NWHAVGCGFR RARPKFEQVN LLDSNAVHHI IHDFQPHVIV HCAAERRPDV VENQPDAA SQ LNVDA SGNLA KEAAAVGAFL IYISSDYVFD GTNPPYREED IPAPLNLYGK TKLDGEKAVL ENNLGA AVL R IPILYGEVEK LEESAVTVMF DKVQFSNKSA NMDHWQQRFP THVKDVATVC RQLAEKRMLD PSIKGTFHWS GNEQMTKYEM ACAIADAFNL PSSHLRPITD SPVLGAQRPR NTQLDCSKLE TLGIGQRTPF RIGIKESLWP FLIDKRWRQT VFH
Sequence Length	323
Applicable Applications for MAT2B recombinant protein	SDS-PAGE
Domain	1-323aa
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for MAT2B recombinant protein	Methionine adenosyltransferase II, beta (MAT II beta) belongs to the methionine adenosyltransferase (MAT) family. MAT II beta catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT. Its expression in hepatoma cell lines may lead to increase DNA synthesis and thereby participate to cell proliferation. Recombinant human MAT II beta was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for MAT2B recombinant protein	Metabolism
References	Steele W., et al. (2005) Reprod Biomed Online. 10 (6):755-66.; LeGros L., et al. (2001) J Biol Chem. 276 (27):24918-24.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	13528837
NCBI GeneID	27430
Molecular Weight	36.4 kDa (323aa), confirmed by MALDI-TOF.
NCBI Official Full Name	Methionine adenosyltransferase II, beta
NCBI Official Synonym Full Names	methionine adenosyltransferase 2B
NCBI Official Symbol	MAT2B
NCBI Official Synonym Symbols	TGR; MAT-II; SDR23E1; MATIIbeta; Nbla02999
NCBI Protein Information	methionine adenosyltransferase 2 subunit beta
UniProt Protein Name	Methionine adenosyltransferase 2 subunit beta
UniProt Gene Name	MAT2B
UniProt Synonym Gene Names	TGR; MAT II beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mat2b-recombinant-protein-e-coli-sds-page/48642>