

---

## Product Data Sheet

---

Product Name: MAT2B Human  
 Cat. No.: GP21903  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MAT2-beta; MAT-2B; MAT2-B; DTDP-4-keto-6-deoxy-D-glucose 4-reductase; MAT-II; MATIIbeta; MAT II beta; Methionine adenosyltransferase 2 subunit beta; Methionine adenosyltransferase II beta; MGC12237; MSTP045; Nbla02999; SDR23E1; TGR; UNQ2435/PRO4995; MAT2B.		
Amino Acid Sequence	MPEMPEDMEQ EEVNIPNRRV LVTGATGLLG RAVHKEFQQN NWHAVGCGFR RARPKFEQVN LLDSNAVHHI IHDFQPHVIV HCAAERRPDV VENQPDAASQ LNV DASGNLA KEAAAVGAFI IYISSDYVFD GTNPPYREED IPAPLNLYGK TKLDGEKAVL ENNLGAAVLR IPILYGEVEK LEESAVTVMF DKVQFSNKSA NMDHWQQRFP THVKDVATVC RQLAEKRMLD PSIKGTFHWS GNEQMTKYEM ACAIADAFNL PSSHLRPITD SPVLGAQRPR NTQLDCSKLE TLGIGQRTPF RIGIKESLWP FLIDKRWRQT VFH.		
Formulation	The MAT2B protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT, 1mM EDTA and 10% Glycerol.		

### Introduction

MAT2B is part of the methionine adenosyltransferase family. MAT2B catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. MAT2B is the regulatory beta subunit of MAT. MAT2B expression in hepatoma cell lines increases DNA synthesis and thus take part in cell proliferation.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

### Background

Recombinant Human MAT2B produced in E.Coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (1-323 a.a) and having a molecular mass of 36.4 kDa. MAT2B is purified by conventional chromatography techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**