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MAT2B Human

Catalog #:ENPS-468

For research use only.

Description: 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 is purified by conventional chromatography techniques.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MPEMPEDMEQ EEVNIPNRRV LVTGATGLLG RAVHKEFQQN NWHAVGCGFR RARPKFEQVN LLDSNAVHHI IHDFQPHVIV HCAAERRPDV VENQPDAASQ LNVDASGNLA KEAAAVGAFL IYISSDYVFD GTNPPYREED IPAPLNLYGK TKLDGEKAVL ENNLGAAVLR IPILYGEVEK LEESAVTVMF DKVQFSNKSA NMDHWQQRFP THVKDVATVC RQLAEKRMLD PS

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The MAT2B protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT, 1mM EDTA and 10% Glycerol.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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