

**MAT II-?, 1-323aa, Human, E.coli**

**Cat.NO.: TP02915**

3th Edition

**Synonyms:**Methionine adenosyltransferase II, beta, MAT2B, TGR

**Description:**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT,1mM EDTA, 10% glycerol

**Molecular Weight:**36.4 kDa (323aa)

**Sequences:**

MPEMPEDMEQEEVNIPNRRVLTGATGLLGRAVHKEFQQNNWHAVGCGFRRARPKFEQVNLDSNAVHHIIHDFQ  
PHVIVHCAAERRPDVVENQPDAASQLNVDASGNLAKEAAAVGAFLIYISSDYVFDGTNPPYREEDIPAPLNLYGKTK  
LDGEKAVLENNLGAAVLRIPILYGEVEKLEESAVTVMFDKVQFSNKSANMDHWQQRFPHTVVKDVATVCRQLAEKR  
MLDPSIKGTFHWSGNEQMTKYEMACAIADAFNLPSSHLRPITDSPVLGAQRPRNTQLDCSKLETLGIGQRTPFRI  
KESLWPFLIDKRWRQTVFH

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.