

**MAT2A, 1-395aa, Human, His tagged, Recombinant, E.coli**

**Cat.NO.: TP02917**

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3th Edition

**Synonyms:** Methionine adenosyltransferase II, alpha, MATA2, MATII, SAMS2

**Description:** Methionine adenosyltransferase II (MAT II) is a key enzyme in cellular metabolism and catalyzes the formation of S-adenosylmethionine (SAME) from L-methionine and ATP. MAT2A is expressed in extrahepatic tissues. In liver, MAT2A expression associates with growth, dedifferentiation, and cancer. Recombinant MAT2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.

**Form:** Liquid in 20 mM Tris-HCl pH 8.0, 10% Glycerol

**Molecular Weight:** 45.8 kDa (415 aa)

**Sequences:**

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/ml

**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.