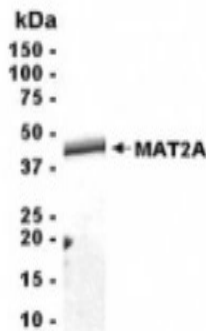


MAT2A

Recombinant Human Methionine Adenosyltransferase 2

Catalog No.	CRM106	Quantity:	100 µg
Alternate Names:	S-adenosylmethionine synthase isoform type-2, AdoMet synthase 2, Methionine adenosyltransferase 2, MAT 2, Methionine adenosyltransferase II, MAT-II		
Description:	Methionine adenosyltransferase (EC 2.5.1.6) catalyzes the biosynthesis of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the major methyl donor for many of the transmethylation reactions in the body. The MAT2A promoter is highly GC rich, especially in the first 300 bp. The promoter contains several potential SP1-, v-myb-, and GATA-binding sites, as well as potential binding sites for C/EBP, HSF2, c-myb, and STATx. It can efficiently drive expression from a reporter gene in both Jurkat and 293 cells.		
UniProt ID:	P31153		
Gene ID:	4144		
Source:	<i>E. coli</i>		
Molecular Weight:	46 kDa (aa 1-395)		
Formulation:	10 mM Tris, pH 8.0 containing 0.1% Triton X-100 and 0.002% Sodium Azide.		
Purity:	95% by SDS-PAGE		
Applications:	Western blot, ELISA, Mass spectroscopy		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon initial thaw. prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

4-20% gradient SDS-PAGE with
Coomassie blue staining.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.