

Methionine Adenosyltransferase II Alpha Human Recombinant

Item Number	rAP-1956
Synonyms	MATA2, MATII, SAMS2, MAT-2A, S-adenosylmethionine synthetase isoform type-2, AdoMet synthetase 2, Methionine adenosyltransferase 2, Methionine adenosyltransferase II, MAT2A, AMS2.
Description	MAT2A Human Recombinant fused with His tag (20 a.a.) at C-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 415 amino acids and having a molecular mass of 45.8 kDa. The MAT2A is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P31153
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MNGQLNGFHE AFIEEGTFLF TSESVGEGHP DKICDQISDA VLDAHLQQDP DAKVACETVA KTG MILLAGE ITSRAAVDYQ KVVREAVKHI GYDDSSKGF YKTCNVLVAL EQQSPDIAQG VHLD RNEEDI GAGDQGLMFG YATDETEECM PLTIVLAHKL NAK- LAELRRN GTLPWLRPDS KTQVTQYMQ DRGAVLPIRV HTIVISVQHD EEVCLDEM RD ALKEKVIKAV VPAKYLDEDT IYHLQPSGRF VIGGPQGDAG LTGRKIIVDT YGGWGAHGGG AFSGKDYTKV DRSAAYAARW VAKSLVKGGL CRRVLVQVSY AIGVSHPLSI SIFHYGTSQK SERELLEIVK KNFDLRPGVI VRDLDLKKPI YQR TAA YGHF GRDSFPWEVP KKLKY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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). Please prevent freeze-thaw cycles.
Formulation and Purity	The MAT2A solution (1mg/ml) contains 20mM Tris pH-8 & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**