

Product datasheet for **AR09059PU-L**

MAT2A (1-395, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MAT2A (1-395, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MNGQLNGFHE AFIEEGTFLF TSESVGEGHP DKICDQISDA V LDAHLQQDP DAKVACETVA KTG MILLAGE ITSRAAVDYQ KVVREAVKHI GYDDSSKGF D YKTCNVLVAL EQQSPDIAQG VHLDRNEEDI GAGDQGLMFG YATDETEECM PLTIVLAHKL NAKLAELRRN GTLPWLRPDS KTQVTVQYMQ DRGAVLPIRV HTIVISVQHD EEVCLDEM RD ALKEKVIKAV VPAKYLDEDT IYHLQPSGRF VIGGPQGDAG LTGRKIIVDT YGGWGAHGGG AFS GKDYTKV DRSAAYAARW VAKSLVKGGL CRRVLVQVSY AIGVSHPLSI SIFHYGTSQK SERELLEIVK KNFDLRPGVI VRDLDLKKPI YQR TAAYGHF GRDSFPWEVP KKLKY
Tag:	His-tag
Predicted MW:	45.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 8.0, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant MAT2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_005902</u>
Locus ID:	4144
UniProt ID:	<u>P31153</u> , <u>A0A140VIP5</u>
Cytogenetics:	2p11.2
Synonyms:	MATA2; MATII; SAMS2



[View online »](#)

Summary: The protein encoded by this gene catalyzes the production of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the key methyl donor in cellular processes. [provided by RefSeq, Jun 2011]

Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism

Product images:

