

## Product datasheet for **AR09059PU-N**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	MAT2A (1-395, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u><a href="#">MGSSHHHHHH SSSLVPRGSH</a></u> MNGQLNGFHE AFIEEGTFLF TSESVGEGHP DKICDQISDA VLD AHLQQDP DAKVACETVA KTG MILLAGE ITSRAAVDYQ KVVREAVKHI GYDDSSKGFYKTCNVLVAL EQQSPDIAQG VHLDRNEEDI GAGDQGLMFG YATDETEECM PLTIVLAHKL NAKLAELRRN GTLPWLRPDS KTQVTVQYMQ DRGAVLPIRV HTIVISVQHD EEVCLDEM RD ALKEKVIKAV VPAKYLDEDT IYHLQPSGRF VIGGPQGDAG LTGRKIIVDT YGGWGAHGGG AFSGKDYTKV DRSAAYAARW VAKSLVKGGL CRRVLVQVSY AIGVSHPLSI SIFHYGTSQK SERELLEIVK KNFDLRPGVI VRDLDLKKPI YQRTAAYGHF GRDSFPWEVP KKLKY
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	45.8 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 8.0, 10% Glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant MAT2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
<b>Storage:</b>	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u><a href="#">NP_005902</a></u>
<b>Locus ID:</b>	4144
<b>UniProt ID:</b>	<u><a href="#">P31153</a></u> , <u><a href="#">A0A140VIP5</a></u>
<b>Cytogenetics:</b>	2p11.2
<b>Synonyms:</b>	MATA2; MATII; SAMS2



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**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:**

