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Product datasheet for TP506213

Mat1a (NM_133653) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methionine adenosyltransferase I, alpha (Mat1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206213 protein sequence Red=Cloning site Green=Tags(s) MNGPVDGLCDHSLSEEGAFMFTSESVGEGHPDKICDQISDAVLDAHLKQDPNAKVACETVCKTGMVLLCG EITSVAMVDYQRVVRDTIKHIGYDDSAKGFDFKTCNVLVALEQQSPDIAQCVHLDRNEEDVGAGDQGLMF GYATDETEECMPLTIVLAHKLNTRIADLRRSGVLPWLRPDSKTQVTVQYMQDNGAVIPVRIHTIVISVQH NEDITLEAMQEALKEQVIKAVVPAKYLDEDTVYHLQPSGRFVIGGPQGDAGVTGRKIIVDTYGGWGAHGG GAFSGKDYTKVDRSAAYAARWVAKSLVKAGLCRRVLVQVSYAIGVAEPLSISIFTYGTSNKTERELLEVV NKNFDLRPGVIVRDLDLKKPIYQKTACYGHFGRSEFPWEVPKKLVF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_598414
Locus ID:	11720
UniProt ID:	Q91X83

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RefSeq Size:	3486
Cytogenetics:	14 B
RefSeq ORF:	1191
Synonyms:	A; AdoM; AdoMet; AI046368; Ams; MA; MAT; MATA1; S; SA; SAMS; SAMS1
Summary:	This gene encodes a member of the AdoMet synthase family. Methionine adenosyltransferase is a product of this gene (the alpha form) and the beta form and catalyzes the formation of S-adenosylmethionine from methionine and ATP.[provided by RefSeq, Jan 2013]