

Product datasheet for **TP504961**

Mat2b (NM_134017) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methionine adenosyltransferase II, beta (Mat2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204961 representing NM_134017 Red =Cloning site Green =Tags(s)

MVGREKELSIHFVPGCCQLVEEEVNIPSRRLITGATGLLGRAVYKEFQQSNWHTVGCGRARRPKFEQV
NLLDSEAVHHLIHDFQPHVIVHCAAERRPDVWESQPDAASQLNVGASGNLAKEAAAIGAFLIYSSDYVF
DGTNPPYTEEDIPSPLNLYGKTKLDGEKAVLENNLGAAVLRIPVLYGEVEKLEESAVTMFDKVQFSNKS
ANMDHWQQRFPPTHVKDVASVCRQLAEKRMLDPSIKGTFHWSGNEQMTKYEMACAIADAFNLPSHLRPIT
DSPVIGAQRPKNAQLDCSKLETLGIGQRTPFRTGIKESLWPFLIDKRWRQTVFH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	37.4 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_598778
Locus ID:	108645
UniProt ID:	Q99LB6



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RefSeq Size:	1870
Cytogenetics:	11 A5
RefSeq ORF:	1002
Synonyms:	1110064C04Rik; 2410018D16Rik; AI182287; AU022853; MAT-II; MATIIbeta; TGR
Summary:	Regulatory subunit of S-adenosylmethionine synthetase 2, an enzyme that catalyzes the formation of S-adenosylmethionine from methionine and ATP. Regulates MAT2A catalytic activity by changing its kinetic properties, increasing its affinity for L-methionine. Can bind NADP (in vitro).[UniProtKB/Swiss-Prot Function]