



# Recombinant Mouse Methionine adenosyltransferase 2 subunit beta (Mat2b)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP860809MO  |
| <b>Abbreviation</b>      | Mat2b   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q99LB6  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | VGREKELSI HFVPGCCQLV EEEVNIPSRR VLITGATGLL GRAVYKEFQQ<br>SNWHTVGC GF RRARPKEQV NLLDSEAVHH LIHDFQPHVI VHCAAERRPD<br>VVESQPDAAS QLNVGASGNL AKEAAAIGAF LIYISSDYVF DGTNPPYTEE<br>DIPSPLNLYG KTKLDGEKAV LENNLGAAVL RIPVLYGEVE KLEESAVTVM<br>FDKVQFSNKS ANMDHWQQR F PTHVKDVASV CRQLAEKRML<br>DPSIKGTFHW SGNEQMTKYE MACAIADAFN LPSSHLPIT DSPVIGAQR P<br>KNAQLDCSKL ETLGIGQRTP FRTGIKESLW PFLIDKRWRQ TVFH |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | Mat2b   |
| <b>Protein Names</b>     | Recommended name: Methionine adenosyltransferase 2 subunit beta<br>Alternative name(s): Methionine adenosyltransferase II beta Short name= MAT II beta  |
| <b>Expression Region</b> | 2-334   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein belongs to the methionine adenosyltransferase (MAT) family. MAT catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final  |



concentration of glycerol is 50%. Customers could use it as reference.

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