



# Recombinant Human Cob (I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial (MMAB)

<b>Product Code</b>	CSB-EP853413HU
<b>Abbreviation</b>	MMAB
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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>	Q96EY8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QSRGPQGV EDGDRPQPSS KTRIPKIYT KTGDKGFSST FTGERRPKDD QVFEAVGTTD ELSSAIGFAL ELVTEKGHTF AEELQKIQCT LQDVGSALAT PCSSARE AHL KYTTFKAGPI LELEQWIDKY TSQLPPLTAF ILPSGGKISS ALHFCRAVCR RAERRVVPLV QMGETDANVA KFLNRLSDYL FTLARYAAMK EGNQEKIYMK NDPSAESEGL
<b>Source</b>	E.coli
<b>Target Names</b>	MMAB
<b>Protein Names</b>	Recommended name: Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial EC= 2.5.1.17 Alternative name(s): Cob(I)alamin adenosyltransferase Methylmalonic aciduria type B protein
<b>Expression Region</b>	33-250
<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 gene encodes a protein that catalyzes the final step in the conversion of vitamin B(12) into adenosylcobalamin (AdoCbl), a vitamin B12-containing coenzyme for methylmalonyl-CoA mutase. Mutations in the gene are the cause of vitamin B12-dependent methylmalonic aciduria linked to the cblB complementation group.
<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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. 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.