



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

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| Product Code | CSB-BP853413HU |
| Abbreviation | MMAB |
| Storage | 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. |
| Uniprot No. | Q96EY8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | QSRGPQGV EDGDRPQPSS KTRIPKIYT KTGDKGFSST FTGERRPKDD QVFEAVGTTD ELSSAIGFAL ELVTEKGHTF AEELQKIQCT LQDVGSALAT PCSSARE AHL KYTTFKAGPI LELEQWIDKY TSQLPPLTAF ILPSGGKISS ALHFCRAVCR RAERRVVPLV QMGETDANVA KFLNRLSDYL FTLARYAAMK EGNQEKIYMK NDPSAESEGL |
| Source | Baculovirus |
| Target Names | MMAB |
| Protein Names | 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 |
| Expression Region | 33-250 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | 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. |
| Reconstitution | 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. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, |



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