

Recombinant Full Length Human MMAB Protein, GST-tagged

Cat. No. MMAB-559HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MMAB(1 a.a. - 250 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	250 amino acids
Description	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. Alternatively spliced transcript variants have been found.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	53.8 kDa
AA Sequence	MAVCGLGSRL GLGSRLGLRG CFGAARLLYP RFQSRGPQGV EDGDRPQPSS KTPRIPIYKTGDKGFSST FTGERRPKDD QVFEAVGTTD ELSSAIGFAL ELVTEKGHTF AEELQKIQCT LQDVGSALAT PCSSARE AHL KYTTFKAGPI LELEQWIDKY TSQLPPLTAF ILPSGGKISS ALHFCRAVCR RAERRVVPLV QMGETDANVA KFLNRLSDYL FTLARYAAMK EGNQEKIYMK NDPSAESEGL

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Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name MMAB methylmalonic aciduria (cobalamin deficiency) cbIB type [Homo sapiens]

Official Symbol MMAB

Synonyms ATR; cob; cbIB; CFAP23; cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial; ATP:cob(I)alamin adenosyltransferase; ATP:corrinoid adenosyltransferase; aquocob(I)alamin vitamin B12s adenosyltransferase; cilia and flagella associated protein 23; methylmalonic aciduria type B protein

Gene ID 326625

mRNA Refseq NM_052845

Protein Refseq NP_443077

MIM 607568

UniProt ID Q96EY8

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