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.) fussed 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 KTPRIPKIYT KTGDKGFSST FTGERRPKDD QVFEAVGTTD ELSSAIGFAL ELVTEKGHTF AEELQKIQCT LQDVGSALAT PCSSAREAHL 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) cblB type [Homo sapiens]
Official Symbol	MMAB
Synonyms	ATR; cob; cblB; 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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