

Recombinant Human MMAB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MMAB-3185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MMAB MS Standard C13 and N15-labeled recombinant protein (NP_443077) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	27.4 kDa
AA Sequence	MAVCGLGSRGLGLGSRGLRGCFGAARLLYPRFQSRGPQGVEDGDRPQPSSKTPRI PKIYTKTGDKGFSSTFTGERRPKDDQVFEAVGTTDELSSAIGFALELVTEKGHTFAEE LQKIQCTLQDVGSALATPCSSAREAHLYTTFKAGPILELEQWIDKYTSQPLPLTAFIL PSGGKISSALHFCRAVCRRRAERRVVPLVQMGETDANVAKFLNRLSDYLFTLARYAA MKEGNQEKIYMKNDPSAESEGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MMAB metabolism of cobalamin associated B [Homo sapiens (human)]

Official Symbol MMAB

Synonyms MMAB; methylmalonic aciduria (cobalamin deficiency) cblB type; methylmalonic aciduria (cobalamin deficiency) type B; cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial; ATP:cob(I)alamin adenosyltransferase; cblB; ATP:corrinoid adenosyltransferase; methylmalonic aciduria type B protein; aquocob(I)alamin vitamin B12s adenosyltransferase; ATR; cob; MGC20496;

Gene ID 326625

mRNA Refseq NM_052845

Protein Refseq NP_443077

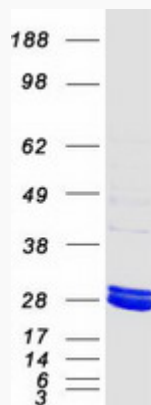
MIM 607568

UniProt ID Q96EY8

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SDS-PAGE

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