

## Product datasheet for **TP304290M**

### MMAB (NM\_052845) Human Recombinant Protein

#### Product data:

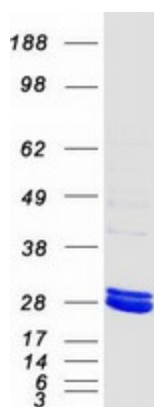
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human methylmalonic aciduria (cobalamin deficiency) cblB type (MMAB), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204290 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAVCGLGSRLGLGSRLGLRGCFGAARLLYPRFQSRGPQGVEDGDRPQPSSKTPRIPKIYTKTGDKGFSST FTGERRPKDDQVFEAVGTTDELSSAIGFALELVTEKGHTFAEELQKIQCTLDVGSALATPCSSAREAHL KYTTFKAGPILELEQWIDKYTSQLPPLTAFILPSGGKISSALHFCRAVCRAERRVPLVQMGETDANVA KFLNRLSDYLFTLARYAAMKEGNQEKIYMKNDPSAESEGL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_443077</a>
Locus ID:	326625



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UniProt ID:	<a href="#">Q96EY8</a>
RefSeq Size:	4154
Cytogenetics:	12q24.11
RefSeq ORF:	750
Synonyms:	ATR; cblB; CFAP23; cob
Summary:	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. [provided by RefSeq, Apr 2011]
Protein Pathways:	Metabolic pathways, Porphyrin and chlorophyll metabolism

### Product images:



Coomassie blue staining of purified MMAB protein (Cat# [TP304290]). The protein was produced from HEK293T cells transfected with MMAB cDNA clone (Cat# [RC204290]) using MegaTran 2.0 (Cat# [TT210002]).