

## Product datasheet for **AR09615PU-L**

### MMAB (33-250, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MMAB (33-250, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>M</u> QSRGPQGVE DGDRPQPSSK TPRIPIKYTK TGDKGFSSTF TGERRPKDDQ VFEAVGTTDE LSSAIGFALE LVTEKGHTFA EELQKIQCTL QDVGSALATP CSSAREAHLK YTTFKAGPIL ELEQWIDKYT SQLPPLTAFI LPSGGKISSA LHFCRAVCRR AERRVPLVQ MGETDANVAK FLNRLSDYLF TLARYAAMKE GNQEKIYKKN DPSAESEGL
Tag:	His-tag
Predicted MW:	26.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MMAB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_443077</u>
Locus ID:	326625
UniProt ID:	<u>Q96EY8</u>
Cytogenetics:	12q24.11
Synonyms:	ATR; cblB; CFAP23; cob



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**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:**