

## Product datasheet for **RC204290L4V**

### MMAB (NM\_052845) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MMAB (NM_052845) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MMAB
Synonyms:	ATR; cblB; CFAP23; cob
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_052845
ORF Size:	750 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204290).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_052845.3</a>
RefSeq Size:	4154 bp
RefSeq ORF:	753 bp
Locus ID:	326625
UniProt ID:	<a href="#">Q96EY8</a>
Cytogenetics:	12q24.11
Domains:	DUF80
Protein Pathways:	Metabolic pathways, Porphyrin and chlorophyll metabolism



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**MW:** 27.4 kDa

**Gene 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]