

Recombinant Mouse Mmab Protein, Myc/DDK-tagged

Cat. No. Mmab-4095M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methylmalonic aciduria (cobalamin deficiency) cblB type homolog (human) (Mmab), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adenosyltransferase involved in intracellular vitamin B12 metabolism. Generates adenosylcobalamin (AdoCbl) and directly delivers the cofactor to MUT in a transfer that is stimulated by ATP-binding to MMAB and gated by MMAA.
Molecular Mass	26.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Mmab methylmalonic aciduria (cobalamin deficiency) cblB type homolog (human) [Mus musculus (house mouse)]
Official Symbol	Mmab
Synonyms	MMAB; methylmalonic aciduria (cobalamin deficiency) type B homolog (human); cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial; cob(I)alamin adenosyltransferase; ATP:Cob(I)alamin Adenosyltransferase; methylmalonic aciduria type B homolog; ATR; 9130222L19Rik
Gene ID	77697
mRNA Refseq	NM_029956
Protein Refseq	NP_084232
UniProt ID	Q9D273

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