

Recombinant Human MMUT Protein (Val510-Val750), N-His tagged

Cat. No. MMUT-3738H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MMUT (Val510-Val750) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val510-Val750
Description	This gene encodes the mitochondrial enzyme methylmalonyl Coenzyme A mutase. In humans, the product of this gene is a vitamin B12-dependent enzyme which catalyzes the isomerization of methylmalonyl-CoA to succinyl-CoA, while in other species this enzyme may have different functions. Mutations in this gene may lead to various types of methylmalonic aciduria.
Form	Lyophilized powder/frozen liquid
Molecular Mass	28.50 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 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

centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer 0.01M PBS, pH 7.4, 0.02% NLS

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [MMUT methylmalonyl-CoA mutase \[Homo sapiens \(human\) \]](#)

Official Symbol [MMUT](#)

Synonyms

MMUT; methylmalonyl-CoA mutase; MCM; MUT; methylmalonyl-CoA mutase, mitochondrial; methylmalonyl Coenzyme A mutase; methylmalonyl-CoA isomerase; methylmalonyl-CoA mutase c.*192delA; methylmalonyl-CoA mutase c.*51C>G; methylmalonyl-CoA mutase variant c.1495G>A; methylmalonyl-CoA mutase variant c.2011A>G; methylmalonyl-CoA mutase variant c.2150G>T; methylmalonyl-CoA mutase variant c.322C>T; methylmalonyl-CoA mutase variant c.613_615delGAA; methylmalonyl-CoA mutase variant c.636G>A; methylmalonyl-CoA mutase variant c.643G>A; mutant methylmalonyl CoA mutase; EC 5.4.99.2

Gene ID [4594](#)

mRNA Refseq [NM_000255](#)

Protein Refseq [NP_000246](#)

MIM [609058](#)

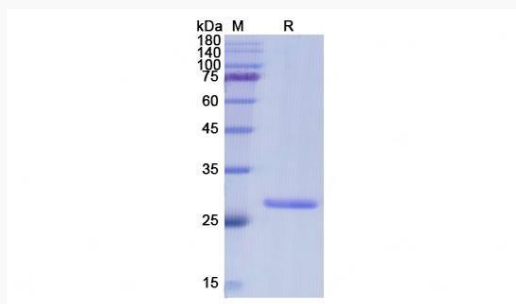
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UniProt ID P22033

SDS-PAGE



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