

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

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	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.

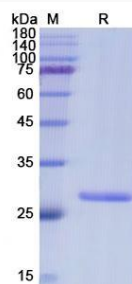
GENE INFORMATION

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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