

Recombinant Human MMUT Protein (33-750 aa), His-tagged

Cat. No. MMUT-2316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMUT Protein (33-750 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	33-750 aa
Description	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle. MCM has different functions in other species.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	84.8 kDa
AA Sequence	LHQQQPLHPEWAALAKKQLKGKNPEDLIWHTPEGISIKPLYSKRDTMDLPEELPGVK PFTRGPYPTMYTFRPWIRQYAGFSTVEESNKFYKDNKAGQQGLSVAFDLATHRG YDSNPNRVRGDMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAVIPVLANFIVTG EEQGVPEKELTGTIQNDILKEFMVRNTYIFPPEPSMKIADIFEYTAKHMPKFNSISISG YHMQEAGADAILELAYTLADGLEYSRTGLQAGLTIDEFAPRLSFFWGIGMNFYMEIAK MRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAA VFGGTQSLHTNSFDEALGLPTVKSARIARNTQIIIQEESGIPKVADPWGGSYMMECLT

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NDVYDAALKLINEIEEMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQ
LEKEDAVEVLAIIDNTSVRNRQIEKLKKIKSSRDQALAERCLAALTECAASGDGNILALA
VDASRARCTVGEITDALKKVFGHEKANDRMVSGAYRQEFGESKEITSAIKRVHKFME
REGRPRLLVAKMGQDGHDRGAKVIATGFADLGFDVDIGPLFQTPREVAQQAVDAD
VHAVGISTLAAGHKTLVPELIKELNSLGRPDILVMCGGVIPPQDYEFLFEVGVSINVFG
PGTRIPKAAVQVLDDIEKCLEKKQQSV

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

Official Symbol [MMUT](#)

Synonyms MMUT; MCM; MUT;

Gene ID [4594](#)

mRNA Refseq [NM_000255](#)

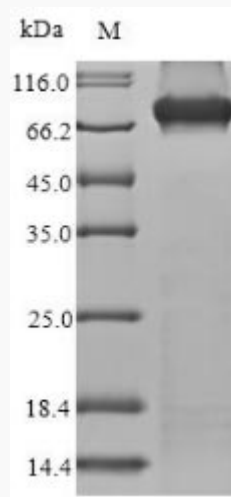
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Protein Refseq NP_000246

UniProt ID P22033



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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