

Recombinant Human MMUT protein, GST-tagged

Cat. No. MMUT-316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMUT protein(NP_000246.2)(401-750 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	401-750 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	SARIARNTQIIQEESGIPKVADPWGGSYMMECTNDVYDAALKLINEIEEMGGMAKA VAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQLEKEDTVEVLIDNTSVRNRQIEK LKKIKSSRDQALAERCLAALTECAASGDGNILALAVDASRARCTVGEITDALKKVFG HKANDRMVSGAYRQEFGESKEITSAIKRVHKFMEREGRRPRLLVAKMGQDGHDRG AKVIATGFADLGFVDIGPLFQTPREVAQQAVDADVHAVGVSTLAAGHKTLVPELIKE LNSLGRPDILVMCGGVIPPQDYEFLEFGVSNVFGPGTRIPKAAVQVLDDIEKCLEKK QQSV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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

Official Symbol [MMUT](#)

Synonyms MCM; MUT; MMUT

Gene ID [4594](#)

mRNA Refseq [NM_000255.4](#)

Protein Refseq [NP_000246.2](#)

MIM [609058](#)

UniProt ID [P22033](#)

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