

Recombinant Mouse Mut protein, His-tagged

Cat. No. Mut-3256M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mut protein(P16332)(31-748aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	31-748aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	83.2 kDa
AA Sequence	LHQQQPLHPEWAVLAKKQLKGKNPEDLIWHTPEGISIKPLYSRADTLDLPEELPGVK PFTRGPYPTMYTYRPWTIRQYAGFSTVEESNKFYKDNKAGQQGLSVAFDLATHRG YDSNPNRVRGDMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAVIPVLATFIVTG EEQGVPEKELTGTIQNDILKEFMVRNTYIFPPEPSMKIADIFQYTAQHMPKFNSISISG YHMQEAGADAILELAYTIADGLEYCRTGLQAGLTIDEFAPRLSFFWGIGMNFYMEIAK MRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAA VFGGTQSLHTNSFDEALGLPTVKSARIARNTQIIIQEESGIPKVADPWGGSYMMESLT NDVYEAALKLIYEVEEMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQ LEKEDSVEVLIDNTSVRKKQIEKLKKIKSSRDQALAEQCLSALTQCAASGDGNILALA

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VDAARARCTVGEITDALKKVFGGEHKANDRMVSGAYRQEFGESKEITSAIKRVNKFME
 REGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFDVDIGPLFQTPREVAQQAVDAD
 VHAVGVSTLAAGHKTLVPELIKELTALGRPDILVMCGGVIPPQDYEFLYEVGVSNVFG
 PGTRIPRAAVQVLDDIEKCLAEKQQSV

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Mut methylmalonyl-Coenzyme A mutase [*Mus musculus*]

Official Symbol Mut

Synonyms MUT; methylmalonyl-Coenzyme A mutase; methylmalonyl-CoA mutase, mitochondrial; methylmalonyl-CoA isomerase; Mcm; D230010K02Rik;

Gene ID 17850

mRNA Refseq NM_008650

Protein Refseq NP_032676

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