

## Recombinant Mouse Mut protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mut protein(P16332)(31-748aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	31-748aa
<b>Form</b>	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.
<b>Molecular Mass</b>	83.2 kDa
<b>AA Sequence</b>	LHQQQPLHPEWAVLAKKQLKGKNPEDLIWHTPEGISIKPLYSRADTLDLPEELPGVK PFTRGPYPTMYTYRPWTIRQYAGFSTVEESNKFYKDNKAGQQGLSVAFDLATHRG YDSDNPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAVIPVLATFIVTG EEQGVPEKELTGTIQNDILKEFMVRNTYIFPPEPSMKIADIFQYTAQHMPKFNSISISG YHMQEAGADAILELAYTIADGLECYCRTGLQAGLTIDEFAPRLSFFWVGIMNFYMEIAK MRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAA VFGGTQSLHTNSFDEALGLPTVKSARIARNTQIIQEESGIPKVADPWGGSYMMESLT NDVYEAALKLIYEVEEMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQ LEKEDSVEVLAIANTSVRKKQIEKLIKSSRDQALAEQCLSALTQCAASGDGNILALA

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VDAARARCTVGEITDALKKVFGEHKANDRMVSGAYRQEFGESKEITSAIKRVNKFME  
REGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFVDIGPLFQTPREVAQQAVDAD  
VHAVGVSTLAAGHKTLVPELIKELTALGRPDILVMCGGVIPPQDYEFLEYEVGVSNVFG  
PGTRIPRAAVQVLDDIEKCLAEKQQSV

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

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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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