

Recombinant Mouse MMUT Protein (31-748 aa), His-tagged

Cat. No. MMUT-2653M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MMUT Protein (31-748 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	31-748 aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	80.5 kDa
AA Sequence	LHQQQPLHPEWAVLAKKQLKGKNPEDLIWHTPEGISIKPLYSRADTLDLPEELPGVK PFTRGPYPTMYTYRPWTIRQYAGFSTVEESNKFYKDNKAGQQGLSVAFDLATHRG YDSNPNRVRGDMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAVIPVLATFIVTG EEQGVPEKELTGTIQNDILKEFMVRNTYIFPPEPSMKIADIFQYTAQHMPKFNSISISG YHMQEAGADAILELAYTIADGLEYCRTGLQAGLTIDEFAPRLSFFWGIGMNFYMEIAK MRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAA VFGGTQSLHTNSFDEALGLPTVKSARIARNTQIIIQEESGIPKVADPWGGSYMMESLT NDVYEAALKLIYEVEEMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQ LEKEDSVEVLADNTSVRKKQIEKLKKIKSSRDQALAEQCLSALTQCAASGDGNILALA VDAARARCTVGEITDALKKVFGGEHKANDRMVSGAYRQEFGESKEITSAIKRVNKFME REGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFVDIGPLFQTPREVAQQAVDAD

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	VHAVGVSTLAAGHKTLVPELIKELTALGRPDILVMCGGVIPPQDYEFLEYGVSNVFG PGTRIPRAAVQVLDDIEKCLAEKQQSV
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-Coenzyme A mutase [Mus musculus (house mouse)]
Official Symbol	MMUT
Synonyms	Mmut; Mcm; Mut; D230010K02Rik;
Gene ID	17850
mRNA Refseq	NM_008650
Protein Refseq	NP_032676
UniProt ID	P16332

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