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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MUT (Human) Recombinant Protein (P01)

Catalog Number: H00004594-P01

Regulation Status: For research use only (RUO)

Product Description: Human MUT full-length ORF (AAH16282, 1 a.a. - 750 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLRAKNQLFLLSPHYLRQVKESGSRLIQQRLLHQQQ
PLHPEWAALAKKQLKGNPEDLIWHTPEGISIKPLYSK
GDTMDLPEELPGVKPFRGPYPTMYTFRPWTIRQYAG
FSTVEESNKFYKDNKAGQQGLSVAFDLATHRGYDSD
NPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMT
MNGAVIPVLANFIVTGEEQGVPEKLTGTIQNDILKEFM
VRNTYIFPPEPSMKIADIFEYTAKHMPKFNSISISGYHM
QEAGADAILELAYTLADGLEYSRTGLQAGLTIDEFAPRL
SFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNS
KLLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAAVFG
GTQSLHTNSFDEALGLPTVKSARIARNTQIIIQEEGIPK
VADPWGGSYMMMECLTNDVYDAALKLINEIEEMGGMA
KAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQLE
KEDTVEVLAI DNTSVRNRQIEKLLKIKSSRDQALAERCL
AALTECAASGDGNILALAVDASRARCTVGEITDALKKV
FGEHKANDRMVSGAYRQEFGESKEITSAIKRVHKFME
REGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFV
DIGPLFQTPREVAQQAVDADVHAVGVNTLAAGHKTLV
PELIKELNSLGRPDILVMCGGVIPPQDYEFLEFVGVS
N VFGPGTRIPKAAVQVLDDIEKCLEKKQQSV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 108.24

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4594

Gene Symbol: MUT

Gene Alias: MCM

Gene Summary: This gene encodes the mitochondrial enzyme methylmalonyl Coenzyme A mutase. In humans, the product of this gene is a vitamin B12-dependent enzyme which catalyzes the isomerization of methylmalonyl-CoA to succinyl-CoA, while in other species this enzyme may have different functions. Mutations in this gene may lead to various types of methylmalonic aciduria. [provided by RefSeq]