abcam

Product datasheet

Recombinant Human Methylmalonyl Coenzyme A mutase protein ab114834

画像数 1

製品の詳細

製品名	Recombinant Human Methylmalonyl Coenzyme A mutase protein
発現系	Wheat germ
アクセッション番号	P22033
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MLRAKNQLFLLSPHYLRQVKESSGSRLIQQRLLHQQQPLHPE WAALAKKQ LKGKNPEDLIWHTPEGISIKPLYSKGDTMDLPEELPGVKPFT RGPYPTMY TFRPWTIRQYAGFSTVEESNKFYKDNIKAGQQGLSVAFDLAT HRGYDSDN PRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAV IPVLANFI VTGEEQGVPKEKLTGTIQNDILKEFMVRNTYIFPPEPSMKII ADIFEYTA KHMPKFNSISISGYHMQEAGADAILELAYTLADGLEYSRTGL QAGLTIDE FAPRLSFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNS KSLLLRAH CQTSGWSLTEQDPYNNIVRTAIEAMAAVFGGTQSLHTNSFDE ALGLPTVK SARIARNTQIIIQEESGIPKVADPWGGSYMMECLTNDVYDAA LKLINEIE EMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKY QLEKEDTV EVLAIDNTSVRNRQIEKLKKIKSSRDQALAERCLAALTECAA SGDGNILA LAVDASRARCTVGEITDALKKVFGEHKANDRMVSGAYRQEFG ESKEITSA IKRVHKFMEREGRRPRLLVAKMGQDGHDRGAKVIATGFADLG FDVDIGPL

FQTPREVAQQAVDADVHAVGVNTLAAGHKTLVPELIKELNSL
GRPDILVM
CGGVIPPQDYEFLFEVGVSNVFGPGTRIPKAAVQVLDDIEKC
LEKKQQSV

予測される分子量	109 kDa including tags
領域	1 to 750

特性

Our **Abpromise guarantee** covers the use of **ab114834** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	ELISA SDS-PAGE Western blot
製品の状態	Liquid

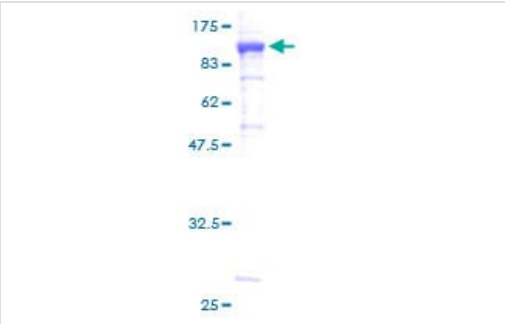
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

機能	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle. MCM has different functions in other species.
関連疾患	Defects in MUT are the cause of methylmalonic aciduria type mut (MMAM) [MIM:251000]. MMAM is an often fatal disorder of organic acid metabolism. Common clinical features include lethargy, vomiting, failure to thrive, hypotonia, neurological deficit and early death. Two forms of the disease are distinguished by the presence (mut-) or absence (mut0) of residual enzyme activity. Mut0 patients have more severe neurological manifestations of the disease than do MUT- patients. MMAM is unresponsive to vitamin B12 therapy.
配列類似性	Belongs to the methylmalonyl-CoA mutase family. Contains 1 B12-binding domain.
細胞内局在	Mitochondrion matrix.

画像



SDS-PAGE - Recombinant Human Methylmalonyl Coenzyme A mutase protein (ab114834)

ab114834 analyzed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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