

Hydroxymethylglutaryl-CoA lyase, mitochondrial (Hmgcl) Recombinant Protein | Hmgcl recombinant protein

Recombinant Rat Hydroxymethylglutaryl-CoA lyase, mitochondrial (Hmgcl)

CATALOG #
AAA113927

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Hydroxymethylglutaryl-CoA lyase; mitochondrial (Hmgcl); Recombinant Rat Hydroxymethylglutaryl-CoA lyase; Hmgcl recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-325, Full length protein
Sequence	TLPKRVKIVE VGPRDGLQNE KSIVTPVKI KLIDMLSEAG LPVIEATSFV SPKWVPQMAD HSDVLKGIQK FPGINYPVLT PNMKGFEAV AAGAKEVSIF GAASELFTRK NVNCSIEESF QRFDGVMQAA RAASISVRGY VSCALGCPYE GKVSPAKVAE VAKKLYSMGC YEISLGDIG VGTPGLMKDM LTAVLHEVPV AALAVHCHDT YGQALANTLV ALQMGVSVVD SSVAGLGGCP YAKGASGNLA TEDLVYMLTG LGIHTGVNLQ KLEAGDFIC QALNRKTSSK VAQATCKL
Sequence Length	298
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Hmgcl recombinant protein	This protein belongs to the HMG-CoA lyase family. It is a mitochondrial enzyme that catalyzes the final step of leucine degradation and plays a key role in ketone body formation. Mutations in this gene are associated with HMG-CoA lyase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13242293
NCBI GeneID	79238
NCBI Accession #	NP_077362.1
NCBI GenBank Nucleotide #	NM_024386.1
UniProt Accession #	P97519
Molecular Weight	34,192 Da
NCBI Official Full Name	hydroxymethylglutaryl-CoA lyase, mitochondrial
NCBI Official Synonym Full Names	3-hydroxymethyl-3-methylglutaryl-CoA lyase

NCBI Official Symbol	Hmgcl
NCBI Protein Information	hydroxymethylglutaryl-CoA lyase, mitochondrial
UniProt Protein Name	Hydroxymethylglutaryl-CoA lyase, mitochondrial
UniProt Gene Name	Hmgcl
UniProt Synonym Gene Names	HL; HMG-CoA lyase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hmgcl-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113927>