

3-hydroxy-3-methylglutaryl-coenzyme A reductase Recombinant Protein | HMGCR recombinant protein

Recombinant Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase

CATALOG #	HOST
AAA18405	E Coli or Yeast or Baculovirus or Mammalian Cell

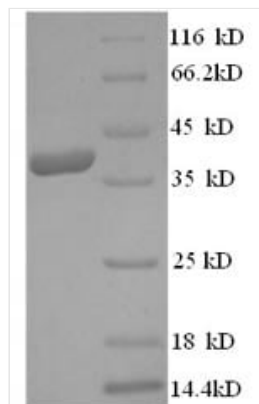
PRODUCT SYNONYMS

3-hydroxy-3-methylglutaryl-coenzyme A reductase; Recombinant Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase; HMGCR 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	588-887aa; partial
Sequence	MTRGPPVRLP RACDSAEVKA WLETSEGFV IKEAFDSTSR FARLQKLHTS IAGRNLIRF QSRSGDAMGM NMISKGTEKA LSKLHEYFPE MQILAVSGNY CTDKKPAAIN WIEGRGKSVV CEAVIPAKVV REVLTTEA MIEVNINKNL VGSAMAGSIG GYNAHAANIV TAIYIACGQD AAQNVGSSNC ITLMEASGPT NEDLYISCTM PSIEIGTVGG GTNLLPQQAC LQMLGVQGAC KDNPGENARQ LARIVCGTVM AGELSLMAAL AAGHLVKSHM IHNRSKINLQ DLQGACTKKT
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HMGCR recombinant protein	Transmembrane glycoprotein that is the rate-limiting enzyme in cholesterol biosynthesis as well as in the biosynthesis of nonsterol isoprenoids that are essential for normal cell function including ubiquinone and geranylgeranyl proteins.
Product Categories/Family for HMGCR recombinant protein	Metabolism

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557643
NCBI GeneID	3156

NCBI Accession #	NP_000850.1
NCBI GenBank Nucleotide #	NM_000859.2
UniProt Accession #	P04035 ; Q8N190 ; B7Z3Y9
Molecular Weight	36 kDa
NCBI Official Full Name	3-hydroxy-3-methylglutaryl-Coenzyme A reductase isoform 1
NCBI Official Synonym Full Names	3-hydroxy-3-methylglutaryl-CoA reductase
NCBI Official Symbol	HMGCR
NCBI Official Synonym Symbols	LDLCQ3
NCBI Protein Information	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
UniProt Protein Name	3-hydroxy-3-methylglutaryl-coenzyme A reductase
UniProt Gene Name	HMGCR
UniProt Synonym Gene Names	HMG-CoA reductase
UniProt Entry Name	HMDH_HUMAN

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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