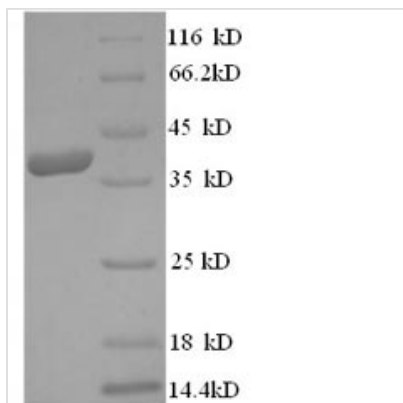




Recombinant Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMGCR), partial

Product Code	CSB-EP010565HU
Relevance	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.
Abbreviation	Recombinant Human HMGCR protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P04035
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTRGPPVRLPRACDSAEVKAWLETSEGFAVIKEAFDSTSRFARLQKLHTSIAG RNLYIRFQSRSGDAMGMNMISKGTEKALSKLHEYFPQMILAVSGNYCTDKKP AAINWIEGRGKSVVCEAVIPAKVVREVLKTTTEAMIEVNINKNLVGSAMAGSIG GYNAHAANIVTAIYIACGQDAAQNVGSSNCITLMEASGPTNEDLYISCTMPSIEI GTVGGGTNLLPQQACLQMLGVQGACKDNPGENARQLARIVCGTVMAGELSL MAALAAGHLVKSHMIHNRSKINLQDLQGACTKKT
Research Area	Metabolism
Source	E.coli
Target Names	HMGCR
Expression Region	588-887aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	36.0kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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