

Product datasheet

Recombinant Mouse HMGCR protein (His tag)
 ab235715

1 Image

Description

Product name	Recombinant Mouse HMGCR protein (His tag)	
Purity	> 85 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q01237	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	GRGKTVVCEAVIPAKVVREVLKTTTEAMVDVNINKNLV GSAMAGSIGGYN AHAANIVTAMACGQDAAQNVGSSNCITLMEASGPTNE DLYISCTMPSI EIGTVGGGTNLLPQQACLQMLGVQGACKDNPGENAR QLARIVCGTVMAGE LSLMAALAAGH	
Predicted molecular weight	20 kDa including tags	
Amino acids	700 to 860	
Tags	His tag N-Terminus	
Additional sequence information	N-terminal 6xHis-tagged.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235715** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol

General Info

Function

This transmembrane glycoprotein is involved in the control of cholesterol biosynthesis. It is the rate-limiting enzyme of sterol biosynthesis.

Pathway

Metabolic intermediate biosynthesis; (R)-mevalonate biosynthesis; (R)-mevalonate from acetyl-CoA: step 3/3.

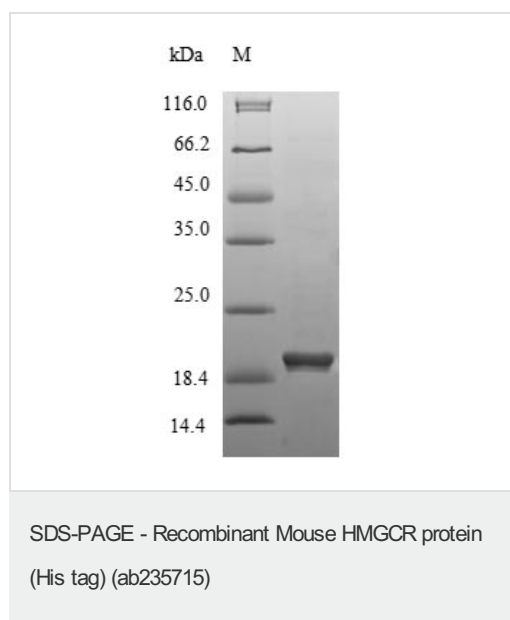
Sequence similarities

Belongs to the HMG-CoA reductase family.

Cellular localization

Endoplasmic reticulum membrane. Peroxisome membrane.

Images



(Tris-glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel of ab235715.

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