

Product datasheet

Recombinant Human HMGCS1 protein ab201881

[1 Image](#)

Description

Product name	Recombinant Human HMGCS1 protein
Purity	> 80 % SDS-PAGE. ab201881 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q01581</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSMPGSLPL NAEACWPKDV GVALEYFP SQYVDQAELE KYDGV DAGKY TIGLGQAKMG FCTDREDINS LCMTVVQNL MERNNLSYDCI GRLEVGTETI IDKSKSVKTN LMQLFEESGN TDIEGIDTTN ACYGGTAAVF NAVNWIESSS WDGRYALVVA GDI VYATGN ARPTGGVGAV ALLIGNAPL IFERGLRGTH MQHAYDFYKP DMLSEYPIVD GKLSIQCYLS ALDRCYSVYC KKIHAQWQKE GNDKDFLND FGMIFHSPY CKLVQKSLAR MLLNDFLNDQ NRDKNSIYSG LEAFGDVKLE DTYFDRDVEK AFMKASSELF SQKTKASLLV SNQNGNMYTS SVYGSLASVL AQYSPQQLAG KRIGVFSYGS GLAATLYSLK VTQDATPGSA LDKITASLCD LKSRLDSRTG VAPDVFAENM KLREDTHHLV NYIPQGSIDS LFEGTWYLVR VDEKHRRTYA RRPTPNDDTL DEGVGLVHSN IATEHIPSPA KKVPRLPATA AEPEAAVISN GEH </pre>
Predicted molecular weight	60 kDa including tags
Amino acids	1 to 520
Tags	His tag N-Terminus
Additional sequence information	NP_001091742

Specifications

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Our **Abpromise guarantee** covers the use of **ab201881** 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 89% PBS, 10% Glycerol (glycerin, glycerine), 0.0154% DTT

General Info

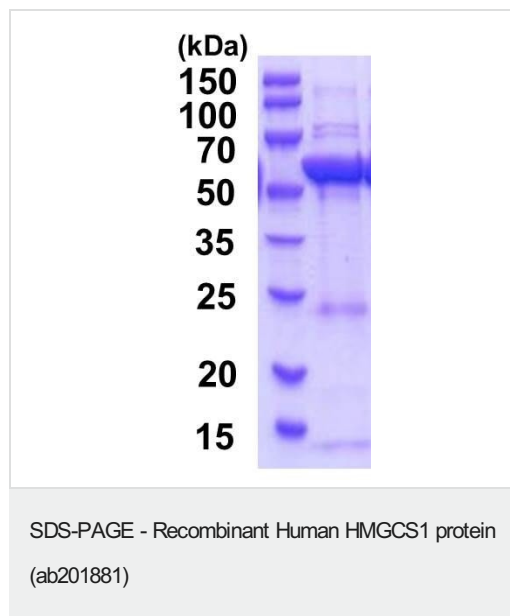
Function This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.

Pathway Metabolic intermediate biosynthesis; (R)-mevalonate biosynthesis; (R)-mevalonate from acetyl-CoA: step 2/3.

Sequence similarities Belongs to the HMG-CoA synthase family.

Cellular localization Cytoplasm.

Images



15% SDS PAGE analysis of ab201881 (3 µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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