

# Human HMGCS1 Recombinant Protein



RPPB1815

## Product Information Protein Information

### Product SKU:

RPPB1815

### Accession:

Q01581

### Host:

Escherichia Coli.

### Protein description:

HMGCS1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 543 amino acids (1-520 a.a) and having a molecular mass of 59.7kDa.HMGCS1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered clear solution.

### Synonyms:

3-Hydroxy-3-Methylglutaryl-CoA Synthase 1 (Soluble), 3-Hydroxy-3-Methylglutaryl-Coenzyme A Synthase 1 (Soluble), 3-Hydroxy-3-Methylglutaryl Coenzyme A (HMG-CoA) Synthase, EC 2.3.3.10, HMGCS, Hydroxymethylglutaryl-CoA Synthase, Cytoplasmic, 3-Hydroxy-3-Methylglutaryl Coenzyme A Synthase, HMG-CoA Synthase.

### Formulation:

HMGCS1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

### Purity:

Greater than 80.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMPGSLPL NAEACWPKDV GIVALEIYFP SQYVDQAELE KYDGV DAGKY  
TIGLGQAKMG FCTDREDINS LCMTVVQNLN ERNLSYDCI GRLEVGTETI IDKSKSVKTN LMQLFEESGN  
TDIEGIDTTN ACYGGTAAVF NAVNWIESS WDGRYALVVA GDI AVYATGN ARPTGGVGAV ALLIGNAPL  
IFERGLRGTH MQHAYDFYKP DMLSEYPIVD GKLSIQCYLS ALDRCYSVYC KKIHAQWQKE GNDKDFLND  
FGFMIFHSPY CKLVQKSLAR MLLNDFLNDQ NRDKNSIYSG LEAFGDVKLE DTYFDRDVEK AFMKASSELF  
SQKTKASLLV SNQNGNMYTS SVYGLASVL AQYSPQQLAG KRIGVFSYGS GLAATLYSLK VTQDATPGSA  
LDKITASLCD LKSRLDSRTG VAPDVFAENM KLREDTHHLV NYIPQGSIDS LFEGTWYLVR VDEKHRRTYA  
RRPTPNDDTL DEGVGLVHSN IATEHIPSPA KKVPRLPATA AEPEAAVISN GEH