9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6804: HMGCS1 Human

Alternative Name :	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.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
3-Hydroxy-3-Methylglutaryl-CoA Synthase 1, also known as HMGCS1 is a member of the Belongs to the HMG-CoA synthase family. HMGCS1 condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	HMGCS1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMPGSLPL NAEACWPKDV GIVALEIYFP SQYVDQAELE KYDGVDAGKY TIGLGQAKMG FCTDREDINS LCMTVVQNLM ERNNLSYDCI GRLEVGTETI IDKSKSVKTN LMQLFEESGN TDIEGIDTTN ACYGGTAAVF NAVNWIESSS WDGRYALVVA GDIAVYATGN ARPTGGVGAV ALLIGPNAPL IFERGLRGTH MQHAYDFYKP DMLSEYPIVD GKLSIQCYLS ALDRCYSVYC KKIHAQWQKE GNDKDFTLND FGFMIFHSPY 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

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