

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
KYDGV D A G K Y T I G L G Q A K M G F C T D R E D I N S L C M T V V Q N L M E R N N L S Y D C I G R L E V G T E T I I D K S K S V K T N
L M Q L F E E S G N T D I E G I D T T N A C Y G G T A A V F N A V N W I E S S S W D G R Y A L V V A G D I A V Y A T G N A R P T G G V G A V
A L L I G P N A P L I F E R G L R G T H M Q H A Y D F Y K P D M L S E Y P I V D G K L S I Q C Y L S A L D R C Y S V Y C K K I H A Q W Q K E
G N D K D F T L N D F G F M I F H S P Y C K L V Q K S L A R M L L N D F L N D Q N R D K N S I Y S G L E A F G D V K L E D T Y F D R D V E K
A F M K A S S E L F S Q K T K A S L L V S N Q N G N M Y T S S V Y G S L A S V L A Q Y S P Q Q L A G K R I G V F S Y G S G L A A T L Y S L K
V T Q D A T P G S A L D K I T A S L C D L K S R L D S R T G V A P D V F A E N M K L R E D T H H L V N Y I P Q G S I D S L F E G T W Y L V R
V D E K H R R T Y A R R P T P N D D T L D E G V G L V H S N I A T E H I P S P A K K V P R L P A T A A E P E A A V I S N G E H