

Product datasheet for **AR51899PU-N**

HMG-CoA synthase / HMGCS (1-520, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HMG-CoA synthase / HMGCS (1-520, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	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 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
Tag:	His-tag
Predicted MW:	59.7 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001091742
Locus ID:	3157
UniProt ID:	Q01581
Cytogenetics:	5p12



[View online »](#)

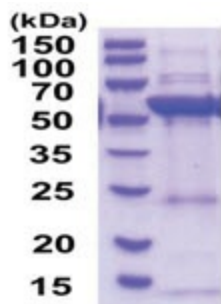
Synonyms: HMGCS1

Summary: This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Butanoate metabolism, Metabolic pathways, Synthesis and degradation of ketone bodies, Terpenoid backbone biosynthesis, Valine, leucine and isoleucine degradation

Product images:



15% SDS-PAGE (3ug)