

Product datasheet for **SC216249**

HMGCS1 (NM_001098272) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HMGCS1 (NM_001098272) Human 3' UTR Clone
Symbol:	HMGCS1
Synonyms:	HMGCS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001098272
Insert Size:	1782 bp



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Insert Sequence:

>SC216249 3' UTR clone of NM_001098272

The sequence shown below is from the reference sequence of NM_001098272. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

AGCAGAACCTGAAGCAGCTGTCATTAGTAATGGGGAACAT**TAAG**GATACTCTGTGAGGTGCAAGACTTCAG
GGTGGGGTGGGCATGGGGTGGGGTATGGGAACAGTTGGAGGAATGGGATATCTGGGGATAATTTTAAAG
GATTACATGTTATGTAAATTTTATGTGACTGACATGGAGCCTGGATGACTATCGTGACTTGGGAAAGT
CTCTTTGCTCTATTTGCTGACATGCTTCCTGTTGGTCTGGCCAATGCCAAATGTA**CTCGAATGATGTT**
AAGGGCTCTGTAAAACCTCATACCTCTTTGGCCATTTGTATGCATGATGTTTGGTTTTTAAACATGGTAT
AATGAATTGTGACTTCTGTGAGAAGAAAGCAGAGGTAATCTCCAATTA
AAGAAATTTGTACTTTGAACAACAAGATTACAGAAAGTACCTGTGGTTTTTGGAAAACATTTCTAGCTTG
GGGAATGTGACAAACATCCCCAGTGTGGTAAAATTTGGGGTAAAATGTGGTAAAATGTGATACGCACAAAC
CCTTTGAAAATAGCAAAACAAACATGCCCTTTTCTAAAATTGATAAAATCCTAAAGAGGAAGAAAAGAGC
TGGGACAATAAAACACTGGCTCTGGAATCTGGAATGTTAAGTCCAGGCCAGCAGTGACAAAAGTTATTGT
AATGACCTCTGAACAGAGAAACACTGCCATTGAAGAGGCTTCTGGTATAGAAAACATGGTACATTCAGGA
GCTGTGAATATAGCTCTAGGTGTGCTCCTGAATCAGTTCATGGTAGATTATGCTGAACAACAGTGAGATG
TTATTGGAGGTGGATGAGGGAGTTTGTGTTGCAGTCTTCTTGCACCTATTTTAAAGAATAAATG
AAACATTTTCTGGTTACTTTTTTAAAAATTTAAAAATGGAAGGGAAGAATAGGGGCAGGGCATTATTAGG
CTATTTCTGATGCTTCAGTGTTATAAATCAACATAGAGGCTGACAACCTAAATTCATGGTGAACACAG
CTCTTTTCCTTTTCTTTTTTTTTTTTTTTTTGGTATCTGTTCAATGAAAATAAGGTATGACCCAAGTTTT
TACCTAGTCTGACTAGAAGTATTCACCTCAAGGTCTGAAGTAGGACTTTTACCTTAAAAACAACAACA
AACAAAATATCACACAGGATAGATAAGAAGATTGGTTAAACAGTTTTGTGTAGATCTTTTTGGTCTGA
ACTATGACATGAGCCTTATAGATTGTA
AAATAGGGATAGTTGGA
ACTAATGTACAGAACTAAATTTTTTA
AACTTTATTTGCTGTTAAATTCTGTGAAGTTTCAGTTATCTAAAATAAATACACAAATATGAAATATA
ATGTTTCAGATTGCAAGTAATATGTAATAGTAGTGT**TAAG**GATACTCTTGCTAATATTA
ACTAGTA
GTATTTGATTTGTACAGTCATAATTTGTTAAATGACTTCATTTAACATTCACTGATGTAGATTAATAA
TGTAAGTTCTGATTTAAAGAATGGTGGCAAAATGGTGCATGTAATACTTTTGCAAGTGTGGGGAGATCG
GTATGTTTTGAAAAGAGTAATTTAACTTTGGGTGCCAGGAAATGGGTTTTCTCAAAGTCCATTGCCGGC
AATGGGCAGGCCGCAAATACTGGCACAGGCATTAATCATACACCTTATTAACGGTGAGGTGAATAACT
TTGAAATAAAGTTTTAGAGAAATGTTTCAGAT

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_001098272.1](#)

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]

Locus ID: 3157