

Product datasheet for **SC210563**

HMGS2 (NM_001166107) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HMGS2 (NM_001166107) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HMGS2
ACCN: NM_001166107
Insert Size: 892 bp
Insert Sequence: >SC210563 3'UTR clone of NM_001166107
The sequence shown below is from the reference sequence of NM_001166107. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CGCCGAAAGTATGCCCGCGTCCCGTCTAAAGGTGTTCTGCAGATCCATGGAAAGCTTCTGGGAAACG
TATGCTAGCAGAGCTTCTCCCGTGAATCATATTTTAAAGATCCCACTCTTAGCTGGTAAATGAATTTG
AATCGACATAGTAGCCCCATAAGCATCAGCCCTGTAGAGTGAGGAGCCATCTCTAGCGGGCCCTTATT
CCTCTCCATGCTGCAATCACTGTCTGGGCTTATGGTGCTATGGACTAGGGGTCCTTTGTGAAAGAGCA
AGATGGAGCAATGGAGAGAAGACCTTCTCTGAATCACTGGACTCCAGAAATGTGCATGCAGATCAGCT
GTTGCCTTCAAGATCCAGATAAACTTCTGTGCATGTGTTAGAACTTTATTATTATTAATATTGTTAAA
CTTCTGTGCTGTTCTGTGAATCTCAAATTTGTACCTGTTCTAAGCTAATATATAGCAATTAATAAAA
GAGAGAAAGAGGAAATGATTCTGCGTTTCTTGGAAACCCAGAATACAAACCCAGCCTAACATGCAGCAA
GCCTGTAGACCTTGTGGGTCAGAGGGCTGGGTCCTTGCCTCACAGGCTGCCTCTGTCCCCTTGCAATT
CCATTCTATTTCTGCCACATGCCAAGTGCTATGACAGGTACAAGGCAAATAGAACGGTAGAACACAGC
TTCCCCAGCCCACTTCCCTGTTCTAAAGACACCACATAGACAGAGAGCAGCAGACAGGGGCCAGCAGG
AGCTGTAGTTCAGATCTTCTTGGTCATTCTTGGCGCTGTTATTTGAACAATAAACACAGCGCAAAGG
TTAAACAAGTTTTGCTTCTATAGCCAAAAATAAAAAATAAATAAATTTTGAIAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-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).



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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_001166107.1](#)

Summary: The protein encoded by this gene belongs to the HMG-CoA synthase family. It is a mitochondrial enzyme that catalyzes the first reaction of ketogenesis, a metabolic pathway that provides lipid-derived energy for various organs during times of carbohydrate deprivation, such as fasting. Mutations in this gene are associated with HMG-CoA synthase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Locus ID: 3158

MW: 33.7