

Product datasheet for **SC201609**

Ceramide glucosyltransferase (UGCG) (NM_003358) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ceramide glucosyltransferase (UGCG) (NM_003358) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UGCG
Synonyms:	GCS; GLCT1
ACCN:	NM_003358
Insert Size:	2000 bp



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Insert Sequence: >SC201609 3'UTR clone of NM_003358
 The sequence shown below is from the reference sequence of NM_003358. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTACAGCAGAGGAAATCTAGATGTATAACTACAGCTTTGTGACTGTATATAAAGGAAAAAAGAGAAG
TATTATAAATTATGTTTATATAAATGCTTTTAAAAATCTACCTTCTGTAGTTTTATCACATGTATGTTT
TGGTATCTGTTCTTAAATTTATTTTTGCATGGCACTTGCATCTGTGAAAAAAAAAAAAAACATCTGT
AGTCTTGGCCAAATGATACACTTTATTTTGTGGAAGTAGAGAATCAAGAGAATTGGTTCTAGGAACCTG
GGTTCGTTTCATCATTGTTGTTTATTTTTTAAAAATAAATAAATAATATATATAGATGCTCTGCAAC
AAACTCTGTGACAGTATCCTTCAGTAGAGAAAGTTTCTTACTTGTGAGTACACTCTTTTAGAACATTTA
CGGGTGGCAGCAGCTTTGCTTTAGAGTTTAGAAGATAATAGAAGGAATGACTATTCATGTCCAAAGTGA
ATGGTTTTGTGACGTGAACAACACATGGCGAGGTAAGTACTGAGAACTTTTTCATGCTTTATGCCTAC
CTTTGTAGTTGTTGCAGAGCAAATATAAATTGTAATAAGATAGCTAGGCCTTGCAGAAACAAACAGAA
AAACTTAAAAAAAATGATATAAGAGCTGGAGTCTAGTATTTATATGAATCTGTGAGAGATAATTTTTT
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TTTTTGACCAACTCTTGTGGTTCTGTCTTGAACCATTGTTAATCACTGTGCTGTAATTAGTATAGCTA
AATCTTTTCTTCTTGTCTCTCCCCAGCCACCCCGTCTTCCCTTAACATTTTTTTCAGGGGGGTTG
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TGGTGTTTTTGCTTTTTCTCAGGATTGGATGGCATGTTGCCACAGGAATGCCTACTGCAGGGCTAACA
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CAGCAATAACTACATATTTATAGAAAACACTTTTTCACTTTACTGAGCCAATTCATTTAATTGTCAAT
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TGGGCCAAACTGCTTCATCCTTTTTTCTTTTTTTTTTTTTTTTAGCCTTATGATGAATTTGTTTGA
AGGGCATTTTTCTTTATGAACAAAGGCTTGGATGCATATTCCTTTCTTTCTGTGAATGGGTATTATCCC
TGAGGAAAGTTGCACAGTGAACACAGTCTGGTTGTGACCCACTACATGTTTTGTTTTAATCACTATT
ACCTGAGTTGAACTTTGCTCACCATGTTTGTACTTGTGGTCTGTTTAAATGAAGTTTGGTTGATGCCA
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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_003358.3](#)

Summary: This gene encodes an enzyme that catalyzes the first glycosylation step in the biosynthesis of glycosphingolipids, which are membrane components containing lipid and sugar moieties. The product of this reaction is glucosylceramide, which is the core structure of many glycosphingolipids. [provided by RefSeq, Dec 2014]

Locus ID: 7357

MW: 77.8