

Product datasheet for **SC217196**

GCLM (NM_002061) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GCLM (NM_002061) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GCLM
Synonyms:	GLCLR
ACCN:	NM_002061
Insert Size:	2000 bp



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Insert Sequence: >SC217196 3'UTR clone of NM_002061
 The sequence shown below is from the reference sequence of NM_002061. 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
ATTTTACAAGCTAAAAGAAGGGTTCTAACTGACTTAGGAGCATAAATTACCTGTAAATTCCTTCAAT
ATGAGAGAAAATTGAGATGTGTAATAAATCTAGTACTGCCTGTAATGGTGTCTTGGAGCAGATATTC
TTTCGTCAATTTGACAGTATGTTGTCTGTCAAGTTTTAAATACTTATCTTGCCTCCATATCAATCCAT
TCTCATGAACCTCTGTATTGCTTTCCTTAACTATTGTTTTCTAATTGAAATTGTCTATAAAGAAAAATA
CTTGCAATATATTTTTCTTTATTTTTATGACTAATAAATCAAGAAAAATTTGTTGTTAGATATATTT
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AACTCTTATTATAACCAAGCAATTAATTACAATTGTTAAAAGTAACTGAAACTGGAAGAAGATATTTTC
CTGTCATTGATGAGATATATCAGAGTAAGTGGAGTAGCTGGGATTTACTAGTAGTAAAATAAAATTC
CTCTTCAATACATGAATGAAACTTAAATTTTTTTTTATGTGTCCTTGCTTATAGTTTAGCTGTAATAA
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AAAGGAGACTAGAAGCTTTGAAATTATTGTTTGGGGTTTTATAAAGCAACTACTGTCACCTCCATCC
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TGAACCCGGGAGGCGGAGTTACAGTGAGCCGAGATCACATCACTGCACTCCAGCCTGGGCGACAGAGC
GAGACTCCATCTCAAAAAAAAAAAAAAAAACTCTGTATCTCAATATTTTTAAACCACAGGCCTAAATAAA
ACTAATTTTGCTCAAGTTTCTCAACCTAGGAAAAAGAACTATGTTCCATATTTCAAAAATAATATTA
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GTCAGGAGTTCTAGACCAGCCTGGTAACATGGTAAAACCTGTATCTGCTAAAAATACAAAAATTAGC
CAGGCGTGGTGGCGGGCTCCTGTAATCCAGCTACTTTGGAGGCGAGGCACGAGAATCGCTTGAACCTG
GGAGGCGGAGTTTGCAGTGAGCCGAGATCACGCCATTGCACTCCAGCCTGGGCGACAGAGCGGACTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_002061.4](#)

Summary: Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]

Locus ID: 2730

MW: 76.9