

Product datasheet for **SC207551**

GLDC (NM_000170) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GLDC (NM_000170) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GLDC
Synonyms: GCE; GCSP; HYGN1
ACCN: NM_000170
Insert Size: 580 bp
Insert Sequence: >SC207551 3'UTR clone of NM_000170
The sequence shown below is from the reference sequence of NM_000170. 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
TTTTCTGAACAAAAGAGGGCGTCTTCTTAGTCCTCTGTCCCTAAGTTTAAAGGACTGATTTGATGCCTC
TCCCAGAGCATTGATAAGCAAGAAAGATTTTCATCTCCCACCCAGCCTCAAGTAGGAGTTTTATATA
CTGTGTATATCTCTGTAATCTCTGTCAAGTAAATGTAATAACAGTAGCTGGAGGGAGTCGAAGCTGAT
GGTTGGAAGACGGATTTGCTTTGGTATTCTGCTCCACATGTGCCAGTTGCCTGGATTGGGAGCCATTT
TGTGTTTTGCGTAGAAAGTTTTAGGAACCTTAACTTTTAAATGTGGCAAGTTGCAGATGCATAGAGGC
TATCCTGGAGACTTAATAGACATTTTTTTGTTCCAAAAGAGTCCATGTGGACTGTGCCATCTGTGGGAA
ATCCCAGGGCAAATGTTTACATTTTGTATACCCTGAAGAACTCTTTTCTCTAATATGCCTAATCTGT
AATCACATTTCTGAGTGTCTCCTCTTTTCTGTGTGAGGTTTTTTTTTTTTTAACTGCATTTATTAG
TATTCTAATAAAAAGCATTTGATCGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

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.



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RefSeq: [NM_000170.3](#)

Summary: Degradation of glycine is brought about by the glycine cleavage system, which is composed of four mitochondrial protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase), H protein (a lipoic acid-containing protein), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase). The protein encoded by this gene is the P protein, which binds to glycine and enables the methylamine group from glycine to be transferred to the T protein. Defects in this gene are a cause of nonketotic hyperglycinemia (NKH).[provided by RefSeq, Jan 2010]

Locus ID: 2731

MW: 22.4