

Product datasheet for **SC214353**

GLO1 (NM_006708) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GLO1 (NM_006708) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GLO1
Synonyms:	GLOD1; GLYI; HEL-S-74
ACCN:	NM_006708
Insert Size:	1400 bp



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Insert Sequence: >SC214353 3'UTR clone of NM_006708
The sequence shown below is from the reference sequence of NM_006708. 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
AATCCTAACAAAATGGCAACCTTAATGTAGTGCTGTGAGAATTCTCCTTTGAGATTCAGAAGAAAGGA
AACAAATGTGATTCAAGATATTTACATACCAAGAAGCATCTAGGACTGATGGATCACTGTCCCGATTCAAA
TTATTCTTCAGTCCATTTCCCCTTCTATTTCAGCTGTTCTTTTACCTAACTGTTTCAGTCATTCTGG
TTTTCAAGCAGTGCTTTATCTCATGTCCTGAATATAGTTGTGTAACCTTATTTTTAGGTAATAATTA
GAACAGTTCCTTCAGAGGCTGCATTTGCCTTCTTCTGCCACCTAAATATACTTCCCTTCAAATCTGC
CTTTGAATCATCATTTTTAAAAAAAATAACATGTTTTTGTGTAGTTATCTTCTGGGGTTTCAATTC
CTCAGAAACAACCTTTTTCAACAACGAAAGGAAAGAACTAGTGTCTTTCAGTAAAGTACAAAGTGT
TTATTTTACAAAAGAGTAGGTACTCTTGAGAGCAATTCAAATCATGCTGACAAGGATACTGATAGAAAA
AGTGATTTCTTCTTATTATAAAGTACATTTAAAGTTCAAGGACTAACCTTATTTATTTGGGAAAGGGGA
GGAGGAAGGAAATGATATGGTACCCAGACACTGGGCTAGGCTGCAACTTTATCTCATTTAATACTCCCA
GCTGTCATGTGAGAAAGAAAGCAGGCTAGGCATGTGAAATCACTTTCATGGATTATTAATGGATTTAAG
AGGGCATCAATCAGCTCAACTCAAGATTTCAATAATCATTTTTAGTATTTAGATTGTGCCTCAAAGTTGT
AGTACCTCACAAATACCTCCACTGGTTTCTGTTGTAACCTTTCAGTGAGTTTGACCATTGTGCTCTT
GGCTCTTGGGCTGGAGTACCGTGGTGAGGGAGTAAACTAGAAAGTCTTTAGTACAAAACCTGCTCTAGG
GACACCTGGTGATTCTTACACAAGTGATGTTTATTTTCTATAAAGAGTCTTCCCTATCCCAAGGTCT
TCATGATGCCAGTAGCCATATATGATAAATTATGTTTCAGTGATAACTTAGTTATCAGAAATCAGCTCAG
TGGTCTTCCCGCCATGATTCACATTTGATGAGTTTTTAAAAATCAAAGTATTTTGAAAAATCTCTAAT
GGCTCAGAAAATAAAAACATCCAGTTTGTGGATGACTATATTTAGATTTCTTAGACTCTAGTGGAAGA
CCTTTGGAAAGGCCATGCCAACCGTGCTTGTACTGCTAGAAGCACTTTATGTTTCTTTTTGGGTGAAA
TGGATTTATGTGAGTGCTTTAAACAAATAGCAATACTTATAGACTGAAATAAAATGAAACTTCAAATAA
GACTATGTTTAAATTTGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCCTTCTATGAAAGG
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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_006708.3](#)

Summary: The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere. [provided by RefSeq, Jul 2008]

Locus ID: 2739

MW: 54.1