

## Product datasheet for **SC212196**

### GOT2 (NM\_002080) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GOT2 (NM\_002080) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GOT2  
**Synonyms:** DEE82; KAT4; KATIV; KYAT4; mitAAT  
**ACCN:** NM\_002080  
**Insert Size:** 1070 bp  
**Insert Sequence:** >SC212196 3'UTR clone of NM\_002080

The sequence shown below is from the reference sequence of NM\_002080. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCATGCCATTACCAGGTCACCAAGTAAATGTCCCTGGTGGCAGGAAACAGAGACAACCTTTCTGTCT
TCAGCCTCTGCTATTGAGAGCTTCACACAGACAATGAGAGAGGGTGGATGGTGGTGGATGGATCATTTC
TTTCAGCCACAGTGTGTAACTCAGCATTGAAATGTTTCTCAGAAAAGAACATGTAGTGACACAGGGC
AGAGGCATCCATGGCTGGCGTCTGGAATATTAACCAAACCTCCTCCCGGTCTTTTTTCTCCAACCTTT
CTCAAAGAGTTTACATGTGCAAGAAAGTCATCGCACAAAAAACCTGTCAATTATGCCATTGCAATATT
TCAGAAGCTTTAACTGAAGTGTGAGGTTCTCGTGAGAAACAGCACACGTTAGAGGCTTTGAGAGAAGG
CCTAGTTCTGTCATGAGTAGTCGGCCTCGTGTCTGCTCCTCCCATCTTGAACAACCTTATCAACAGGCC
GCACTGCAGAAATGATGTTTTATGAAAACCAATGAGGCTGCTGCCACTCCAGCAAGGAAATAATGCAG
TTTCTGTCTTATTTAAGAAAAAGAGAAGGCTCTTTTTCTCCCTTGTCATTGCCGTTCTTTTCTTAC
ACGCAAAGATTTTTAACTATTGCAGATTTTCATCCATTCTACTGCTTGATTGACCATCAACTCCATC
CTATCGAGATTTATTTAAGAATGAAGAACATAATTTTCTGCTGATGCTGTACCCTCACCTTTTCAGCA
AAGAATAGTGGAGAGTAGGAACTGTACTTTATCTCGGCATCCTCTTGAATGATAGTGCAAGTTTCTCC
AGTTGGGATGTTGTCTCTGCCCGGTTGGACCTCCTCCCTTTGTTGAATGTGGTGTGCAGCCTCTCATCT
CACACTGTGAGTCCAGCGCGCAGGGTGGTACCAGGAAAGAGGATATTCTAGGCTTTGCGTGTGCTAG
CTGGGTTCCAGGCTTACCCTACTGAAAGAACCACCATCTGCTCTAACCATGTAGACTTATTGCGGCCCTG
GTTTCTCTGTTACAATAAAATTAAGTGTAGACCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_002080.4</a>
<b>Summary:</b>	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]
<b>Locus ID:</b>	2806
<b>MW:</b>	40.1