

Product datasheet for **SC208953**

Aspartate Aminotransferase (GOT1) (NM_002079) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Aspartate Aminotransferase (GOT1) (NM_002079) Human 3' UTR Clone
Symbol:	Aspartate Aminotransferase
Synonyms:	AST1; ASTQTL1; cAspAT; cCAT; GIG18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002079
Insert Size:	707 bp
Insert Sequence:	>SC208953 3'UTR clone of NM_002079 The sequence shown below is from the reference sequence of NM_002079. 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
ATCCATGAAGCAGTCACCAAAATCCAGTGAAGAAACACCACCCGTCCAGTACCACCAAAGTAGTTCTCT
GTCATGTGTGTTCCCTGCCTGCACAACTACATGTACATACCATGGATTAGAGACACTGCAGGACTG
AAAGGCTGCTCTGGTGAGGCAGCCTCTGTTTAAACCGGCCCCACATGAAGAGAACATCCCTTGAGACGA
ATTTGGAGACTGGGATTAGAGCCTTTGGAGGTCAAAGCAAATTAAGATTTTTATTTAAGAATAAAAGAG
TACTTTGATCATGAGACATAGGTATCTTGCCCTCTACTAAAAAGGAGTGTGTGTGGCGGCCACG
TGCTTCTATGTGGTGTGGTACTCTGTACAAATTCTAGTCCCAAAGATCAAGTTGTCTGAAGGAGCCAAA
GTGTGAATGTGGGTGTCGGCTGCGGCATTAATTCATCATCTCAACCCAGAGTGTCTGGTCTCCCTGCT
CTTTCTGCATGGTTGTGTCCCTAGTCCCTAAGCTTTGGTCTTTAGGGTGACTGTGGTAAGAAGGATATT
TAATCATGACATGCACGGACACGTACATATTTAACTGAAACAAGTTTTACCAAACAGTATTTACTCGTG
ATGTGCGTAGTGCACTTCTGATATTTTTGAGCCATTCTATTGTGTCTACTTCACCTAAAAAATAAAAT
AAAAATGTTGATCAAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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:	<u>NM_002079.3</u>
Summary:	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and 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. [provided by RefSeq, Jul 2008]
Locus ID:	2805
MW:	26.2