

Product datasheet for **SC209191**

Cysteine Dioxygenase Type 1 (CDO1) (NM_001801) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cysteine Dioxygenase Type 1 (CDO1) (NM_001801) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CDO1
Synonyms: CDO-I
ACCN: NM_001801
Insert Size: 730 bp
Insert Sequence: >SC209191 3'UTR clone of NM_001801
The sequence shown below is from the reference sequence of NM_001801. 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
GCAACTTCGGGCTCGCTGGAGAACAACTAAGGGGCACCAAACCTCTGAGGTTTTACTTTAAGTTTCGC
TGATGTTTGCCTTGGACAAAAAGGCTACCTACCACGTGCTATCCAGTAATATACTTAAATAAGCCAAT
ACTTAGATCTACTGTAAGGCAGATGCTAATTATAAGGCATTAAGTAAGCAAATAGTGCCCTCAGCTACT
GCAGAAGAAAAGTCCCCTGAGGAAAAGAAAGTCTTGTGATTTTTAAAGCAAGTTTTCAAGTGCTCTC
ATAGTTCTATCCTCTAATTCCATTAAATCCATACTAGGAGCGTCAGTGAGGGTTTTCATAGCTTTTGGAA
AACTACTTTGGTCTCTGAACTGTAATTAGCAAGAAGTAAAAACAGAAACGTCAAACGTCAAATGTTTGCT
TTGTTACCTGGAGGACTAAATGTAGATGTCTTTAGTATACTTTGTATGTTCTTAATATTGGAAGATAAT
TTTGTGAATCTGTAGATTTTATTTTTTCAGTCTTACCTTACAAATTTCTTTTCTATGAATAATAGAGGA
ACTTACGGCACTCTGCCATTTGTTAATGAAAGGAAGTGCAGAGGATTTAGAAAAGTACATGATCCCCAG
ACCACAACAAACAAAACATAAACTCATGTCTGTGTCCCATGGTCATAGTCAAAGATTTTGTACTGCTA
AAATTACCAAATAATTTAAATAAAGTGGATTTGAACACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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_001801.3
Summary:	Initiates several important metabolic pathways related to pyruvate and several sulfurate compounds including sulfate, hypotaurine and taurine. Critical regulator of cellular cysteine concentrations. Has an important role in maintaining the hepatic concentration of intracellular free cysteine within a proper narrow range.[UniProtKB/Swiss-Prot Function]
Locus ID:	1036
MW:	27.2