

## Product datasheet for SC208189

### D aspartate oxidase (DDO) (NM\_003649) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	D aspartate oxidase (DDO) (NM_003649) Human 3' UTR Clone
Symbol:	D aspartate oxidase
Synonyms:	DASOX; DDO-1; DDO-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003649
Insert Size:	1021 bp
Insert Sequence:	>SC208189 3'UTR clone of NM_003649 The sequence shown below is from the reference sequence of NM_003649. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGACCCCATCCCAAGTCAAACCTGTAGATGACATAAAATGACAGCAAAGAGACTGAGAGACTGTTG
ATCAAAGCACAGAACAGGTTCAAATAACTTTTCCACTGCATGAAAGTTTAATTAGACATTTCTTTGTTT
TCAACATTAGAAGTGGTGAACATGTAAGCTGAGCACGGTGGCATGCCTATAGTCCCAGCTACTTGAGA
GGCTGAGGCAGGAGGATTGTTGAGCCCAGGAGTTTGAGTGAATCTGGGTAACATTTTTTAGAGGTGCC
AGTCCCACCTCTAAAAAACCAACAACAAAAGAAATGATGCAACATGTAGGCTTACTTAGGAAGT
CCAGCATTAAATGGCATAGGGCATAAAGCTCTATTTTTGTTAAAAATACTTCTTATAGAGTAAAAATTA
TTTAGAAGTATGTTCCAAGGACCTATGCAGATTTATGAATGTTGGAAGCTATAGAGATTTTGATATC
ATTTGGCTTATAAATCCACAGGAGGAGATAATGTATGGAAAACATTTAAATCACTGTCAATTGCAGAGC
TGCCTGTGATCTTCTTAGGTTATAGCCAAGTCAGCAACATAATTCCTCTAAATAAAATTACATTGTGCT
CACACAGTGTGGATTATTACATTTAATTGAAGACAAAGCATGCTTGCTCCTAGTACTAGCAGCAAGCT
TTTCTCCCCTCAGCTGGTAATGATGGTAGGAGACAGAGATGAAGTTGCCTATGTATGCATATCAATT
CAATAGCTGCCTGGGTCAAACACCTAGGGTTGTACATTCCATTACTGTAATGATTGAGAGCTGGTT
TGTGGTATGGTTGGCTTTGCCTAAGCATTTTTGAAGATGAACAGCATGTGCAGCCAAAGAACTAATTTG
CTAATTAAGTGGAAACAATCATTCTGAATGAAATAAATCAGAGTACTCCGAGTTTGTTAAGAAGTAT
TGGGGAGGAGGGGAATGTGTCTCACAATAAAATGAGTTGGAATTGTTGAGTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_003649.3</a>
<b>Summary:</b>	The protein encoded by this gene is a peroxisomal flavoprotein that catalyzes the oxidative deamination of D-aspartate and N-methyl D-aspartate. Flavin adenine dinucleotide or 6-hydroxyflavin adenine dinucleotide can serve as the cofactor in this reaction. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2019]
<b>Locus ID:</b>	8528
<b>MW:</b>	39.1