

Product datasheet for **SC208048**

HAO1 (NM_017545) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HAO1 (NM_017545) Human 3' UTR Clone
Symbol:	HAO1
Synonyms:	GOX; GOX1; HAOX1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017545
Insert Size:	638 bp
Insert Sequence:	<p>>SC208048 3'UTR clone of NM_017545</p> <p>The sequence shown below is from the reference sequence of NM_017545. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAAAATCCTTTGGCGTTTCCAAGATCTAGCAGTGACACAATATTTTCCCATCTGTATTATTTTTTTTCA
GCATGTATTACTTGACAAAGAGACACTGTGCAGAGGGTGACCACAGTCTGTAATCCCACTTCAATAC
AAAGGGTGTCTTTTCCAACAAAATAGCAATCCCTTTTATTTTATTGCTTTTGAATTTTCAATGGG
TGTCTAGGAACCTTTTAGAAAGAAATGGACTTTTCATCCTGGAAATATATTAAGTGTAAAGAAAGAAAC
ATTGAAAATGTGTTTAGACAACGTCATCCCTGGCAGGCTAAAGTGTGTATCCTTTAGTAAATTTGGA
GGTAGCAAACTAAGGTGAAAAGATAATGATCTCATTGTTTATTAACCTGTATTCTGTTTACATGTCT
TAAAAACAGTGGTTCTTAAATTGTAAGCTCAGGTTCAAAGTGTGGTAATGCCTGATTCACAACCTTTGA
GAAGGTAGCACTGGAGAGAATTGGAATGGGTGGCGGTAATTGGTGATACTTCTTTGAATGTAGATTTCC
AATCACATCTTTAGTGTCTGAATATATCCAAATGTTTTAGGATGTATGTTACTTCTTAGAGAGAAATAA
AGCATTTTTGGGAAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<u>NM_017545.3</u>
Summary:	This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed primarily in liver and pancreas and the encoded protein is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids. The transcript detected at high levels in pancreas may represent an alternatively spliced form or the use of a multiple near-consensus upstream polyadenylation site. [provided by RefSeq, Jul 2008]
Locus ID:	54363
MW:	24.5