

## Product datasheet for **SC209098**

### **ALOX15 (NM\_001140) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ALOX15 (NM\_001140) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ALOX15  
**Synonyms:** 12-LOX; 15-LOX; 15-LOX-1; LOG15  
**ACCN:** NM\_001140  
**Insert Size:** 711 bp  
**Insert Sequence:** >SC209098 3'UTR clone of NM\_001140  
The sequence shown below is from the reference sequence of NM\_001140. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCGTGGTGGAAAACAGTGTGGCCATCTAAGCGTCGCCACCCTTTGGTTATTTTCAGCCCCCATCACCCA
AGCCACAAGCTGACCCCTTCGTGGTTATAGCCCTGCCCTCCCAAGTCCCACCCTTCCCATGTCCCAC
CCTCCCTAGAGGGGCACCTTTTCATGGTCTCTGCACCCAGTGAACACATTTTACTCTAGAGGCATACC
TGGGACCTTACTCCTCTTTCCTTCTCCTTCTCCTTCTCCTTCTCCTTCTCCTTCTCCTTCTTCTTCTT
CATTTCAGATCTATATGGCAAATAGCCACAATTATATAAATCATTCAAGACTAGAATAGGGGGATATAA
TACATATACTCCACACCTTTTATGAATCAAATATGATTTTTTTGTTGTTAAGACAGAGTCTCACT
TTGACACCCAGGCTGGAGTGCAGTGGTCCATCACACGGCTCACTGCAGCCTCAGCGTCTGGGCTCA
AATGATCCTCCCACCTCAGCCTCCTGAGTAGTGGGACTACAGGCTCATGCCATCATGCCAGCTAATA
TTTTTTTATTTTCGTGGAGACGGGCCTCACTATGTTGCCTAGGCTGGAAATAGGATTTTGAACCCAAA
TTGAGTTTAAACAATAAAAAAGTTGTTTTACGCTAAAGATGGAAAAGAAGTACTAGGACTGAACATTTTA
AATAAAATATTGGCAAAAGAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**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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<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>	<u><a href="#">NM_001140.5</a></u>
<b>Summary:</b>	This gene encodes a member of the lipoxygenase family of proteins. The encoded enzyme acts on various polyunsaturated fatty acid substrates to generate various bioactive lipid mediators such as eicosanoids, hepoxilins, lipoxins, and other molecules. The encoded enzyme and its reaction products have been shown to regulate inflammation and immunity. Multiple pseudogenes of this gene have been identified in the human genome. [provided by RefSeq, Aug 2017]
<b>Locus ID:</b>	246
<b>MW:</b>	26.5