

Product datasheet for **SC207744**

15 Lipoxygenase 2 (ALOX15B) (NM_001039130) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: 15 Lipoxygenase 2 (ALOX15B) (NM_001039130) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ALOX15B
Synonyms: 15-LOX-2
ACCN: NM_001039130
Insert Size: 599 bp
Insert Sequence: >SC207744 3'UTR clone of NM_001039130
The sequence shown below is from the reference sequence of NM_001039130. 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
CCCCTCATCGAGAACAGCGTCTCCATCTAAATCCCAGGGGAACACAGGCCAGATGACATCCCTTTGAC
CACATCGCTCTAGGATAACTGGCACCCAGAGAAAAGGACTCCTCAGAAAAACAGGCCCCCATGTGCCT
CTCCTGGGACAACCAGACTCTGTAACCTACCCCCACCACATACACACACAAAAACAGAAACAAAAT
CAAAACAGAGAAAGCAGAAAATCTACCAAGAACAGAGTCTCAGGACAGAACCACTGAGTCTTTGGAGG
CTCCAAGCCTCAAAGTGCCCGCAGAGCCACCTTGAGGGTTTTGCTAGTTGGTTTTGTTTTGCGTTTTA
CAGCCGTGGGGGAAGCACATAATCCCGCCAGGGCCACTAGCATCCACTGATTGGACCTTATGGTC
ACCCAACCTCAAGGACAGCCACCAAGAAGTGGCTGCCAAAGAGACTGGGCGCAGTGGCTCATGCCATAA
TCCCAGCACTTTGGGAGATGGAGGCGGAAAATCATTGAGGTCAGAAGTTCAAGCCAGCCTGGACGA
CATAGCGAGACTCCACCTCTACCAAAAAATAAAAAATAAAAACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_001039130.2](#)

Summary: This gene encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID: 247

MW: 22.4