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Product datasheet for SC207746

15 Lipoxygenase 2 (ALOX15B) (NM_001039131) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: 15 Lipoxygenase 2 (ALOX15B) (NM_001039131) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: ALOX15B

Synonyms: 15-LOX-2

ACCN: NM_001039131

Insert Size: 599 bp

Insert Sequence:

>SC207746 3'UTR clone of NM_001039131
The sequence shown below is from the reference sequence of NM_001039131. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCCTCATCGAGAACAGCGTCTCCATCTAAATCCCAGGGGAACACAGGCCCAGATGACATCCCTTTGAC
CACATCGCTCTAGGATAACTGGCACCCAGAGAAAAGGACTCCTCAGAAAAAACAGGCCCCCATGTGCCT
CTCCTGGGACAACCAGACTCTGTAACTCACCCCCACCACCATACACACACACAAAAACAGAAACAAAAT
CAAAACAGAGAAAGCAGAAAATCTACCAAGAACAGAGTCTCAGGACAGAACCACTGAGTCTTTTGGAGG
CTCCAAGCCTCAAAGTGCCCGCAGAGCCCACCTTGAGGGTTTTGCTAGTTGGTTTTGTTTTGCGTTTTA
CAGCCGTGGGGGGAAGCACATAATCCCGCCCCAGGGCCCACTAGCATCCACTGATTGGACCTTATGGTC
ACCCAACTCAAGGACAGCCACCAAGAAGTGGCTGCCAAAGAGACTGGGCGCAGTGGCTCATGCCCATAA
TCCCAGCACTTTGGGAGATGGAGGCGGGAAAATCATTTGAGGTCAGAAGTTCAAGGCCAGCCTGGACGA
CATAGCGAGACTCCACCTCTACCAAAAAATAAAAATTAAAAAACAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).

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.

View online »

RefSeq:	NM_001039131.2
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