

## Product datasheet for **SC201507**

### Leukotriene A4 hydrolase (LTA4H) (NM\_000895) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Leukotriene A4 hydrolase (LTA4H) (NM_000895) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LTA4H
ACCN:	NM_000895
Insert Size:	266 bp
Insert Sequence:	>SC201507 3'UTR clone of NM_000895 The sequence shown below is from the reference sequence of NM_000895. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGGTGGGAAAGACTTAAAAGTGGATTAAAGACCTGCGTATTGATGATTTTAGAGATTTCTCTTTTT AAATGGAATTCGTAAGAAATATAAACTTCAGCTCACAATTAAGTCTTTTTAGTTTTGGCTTTT TATTGTTTTGTTGGTGATTTTACTGAAATAAAGTTGAGCTACTTCTTCTTATAGTGGCATATTCTTTGT AAATTTTAACAAGTTTAATCTTTTGATTTACAAATTAATAAATTTGAATTAGCTTTA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG  Restriction Sites: Sgfl-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.
RefSeq:	<u><a href="#">NM_000895.3</a></u>



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**Summary:** The protein encoded by this gene is an enzyme that contains both hydrolase and aminopeptidase activities. The hydrolase activity is used in the final step of the biosynthesis of leukotriene B4, a proinflammatory mediator. The aminopeptidase activity has been shown to degrade proline-glycine-proline (PGP), a neutrophil chemoattractant and biomarker for chronic obstructive pulmonary disease (COPD). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

**Locus ID:** 4048

**MW:** 10.6