

Product datasheet for **SC203895**

Hormone sensitive lipase (LIPE) (NM_005357) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Hormone sensitive lipase (LIPE) (NM_005357) Human 3' UTR Clone
Symbol:	Hormone sensitive lipase
Synonyms:	AOMS4; FPLD6; HSL; LHS; REH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005357
Insert Size:	328 bp
Insert Sequence:	>SC203895 3'UTR clone of NM_005357 The sequence shown below is from the reference sequence of NM_005357. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site
	GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GTAGACGGGGGCTGCGGGGGGCGACACT AA AAGCCTGTTGTTCCCATCTGCGCCGGCCTCCGTATGAA TGCCTTCCGGGCCGGCGGAAGGGGACGCGGGCTGTGCCTTACTTAAGTCGGGGGTGGCAAGGGGGCGG GGCGGGGGCCCGAAAGCTGAGACCCTCGCCACGGGGAGGGGGACGCGCACACACACCGGTACCCGAGAC GGCTGGACCTGCACGCCACCGCTGCCTTTTGTCTGCTGCTGCTGCGGCGACCGCCGAGGGACGGGGACT GGCCCTCCCTTGCAGGTCGGTTTGGTTTGTGTAATAAAAGTATTTAATTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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>NM_005357.4</u>



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Summary: The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids. [provided by RefSeq, Jul 2008]

Locus ID: 3991

MW: 10.9