

Product datasheet for **SC213717**

Lysosomal acid lipase (LIPA) (NM_000235) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lysosomal acid lipase (LIPA) (NM_000235) Human 3' UTR Clone
Symbol:	Lysosomal acid lipase
Synonyms:	CESD; LAL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000235
Insert Size:	1286 bp



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Insert Sequence: >SC213717 3'UTR clone of NM_000235
 The sequence shown below is from the reference sequence of NM_000235. 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
ATTATTAATCTAATGAGGAAATATCAGTGAAGCTGGACTTGAGCTGTGTACCACCAAGTCAATGATTA
TGTCATGTGAAAATGTGTTTGCTTCATTTCTGTAAAACACTTGTTTTCTTTCCAGGTCTTTTGTTTT
TTTATATCCAAGAAAATGATAACTTTGAAGATGCCAGTTCACCTAGTTTCAATTAGAAACATACTAG
CTATTTTTTCTTTAATTAGGGCTGGAATAGGAAGCCAGTGTCTCAACCATAGTATTGTCTCTTTAAGTC
TTTTAAATATCACTGATGTGAAAAAGGTCATTATATCCATTCTGTTTTTAAAATTTAAAATATATTGA
CTTTTTGCCCTTCATAGGACAAAGTAATATATGTGTTGGAATTTTAAAATGTGTGTGTCATTGGTAAAT
CTGTCACTGACTTAAGCGAGGTATAAAAGTACGCAGTTTTTATCATGTTTTCTGCAGCAGGTGCATAGTCAA
CTAACGGTCTTGTAGTTAGAGATCTAAAATGACATTTTATCATGTTTTCTGCAGCAGGTGCATAGTCAA
ATCCAGAAATATCACAGCTGTGCCAGTAATAAGGATGCTAACAATTAATTTTATCAAACCTAACTGTGA
CAGCTGTGATTTGACACGTTTTAATTGCTCAGGTTAAATGAAATAGTTTTCCGGCGTCTTCAAAAACAA
ATTGCACTGATAAAAACAAAACAAAAGTATGTTTTAAATGCTTTGAAGACTGATACACTCAACCATCTA
TATTCATGAGCTCTCAATTTTATGGCAGGCCATAGTTCTACTTATCTGAGAAGCAAATCCCTGTGGAGA
CTATACCACTATTTTTCTGAGATTAATGTACTCTTGGAGCCCGTACTGTGCTTATTGATCACATCTG
TGTGAAGCCAAAGCCCGTGGTTGCCATGAGAAGTGTCTTGTTCATTTTACCCAAATGAAGTGTGA
ACGTGATGTTTTCGGATGCAAACTCAGCTCAGGATTCATTTTGTGCTTAGTTTTATATGCATCCTTA
TTTTTAATACACCTGCTTCAGTCCCTATGTTGGGAAGTCCATATTTGTCTGCTTTTCTGCAGCATCA
TTTCTTACAATACTGTCCGGTGACAAAATGACAATTGATATGTTTTCTGATATAATTACTTTAGCT
GCCTAACAGTACAATGCTTGTAAATGGTAAATATAGGCAGGGCGAATACTACTTTGTAACTTTTAAG
TCTTAACTTTTTCAATAAAATTGAGTGAGACTTATAGGCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_000235.4](#)

Summary: This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2014]

Locus ID: 3988

MW: 49.9