

Product datasheet for **SC213609**

Lysosomal acid lipase (LIPA) (NM_001127605) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lysosomal acid lipase (LIPA) (NM_001127605) Human 3' UTR Clone
Symbol:	Lysosomal acid lipase
Synonyms:	CESD; LAL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127605
Insert Size:	1286 bp



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Insert Sequence:	>SC213609 3'UTR clone of NM_001127605 The sequence shown below is from the reference sequence of NM_001127605. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ATTATTAATCTAATGAGGAAATATCAGTGAAGCTGGACTTGAGCTGTGTACCACCAAGTCAATGATTA TGTCTATGTGAAAATGTGTTTGCTTCATTTCTGTAAACACTTGTTTTCTTTCCAGGTCTTTGTTTT TTTATATCCAAGAAAATGATAACTTTGAAGATGCCAGTTCAGTCTAGTTTCAATTAGAAACATACTAG CTATTTTTTTCTTAATTAGGGCTGGAATAGGAAGCCAGTGTCTCAACCATAGTATTGTCTCTTTAAGTC TTTTAAATATCACTGATGTGTAAGGTCATTATATCCATTCTGTTTTAAATTTAAATATATTGA CTTTTTGCCCTTCATAGGACAAAGTAATATATGTGTTGGAATTTAAATTTGTGTTGTCATTGGTAAAT CTGTCACTGACTTAAGCGAGGTATAAAAGTACGCAGTTTTCATGTCCTTGCCTTAAAGAGCTCTCTAGT CTAACGGTCTTGTAGTTAGAGATCTAAATGACATTTTATCATGTTTTCTGCAGCAGGTGCATAGTCAA ATCCAGAAATATCACAGCTGTGCCAGTAATAAGGATGCTAACAATTAATTTATCAAACCTAACTGTGA CAGCTGTGATTTGACACGTTTTAATTGCTCAGGTTAAATGAAATAGTTTTCCGGCGCTCTTCAAAAACAA ATTGCACTGATAAAAACAAAACAAAAGTATGTTTTAAATGCTTTGAAGACTGATACACTCAACCATCTA TATTCATGAGCTCTCAATTTTATGCGAGCCATAGTTCTACTTATCTGAGAAGCAATCCCTGTGGAGA CTATACCACTATTTTTCTGAGATTAATGTACTCTTGGAGCCCGTACTGTCGTTATTGATCACATCTG TGTGAAGCCAAAGCCCGTGGTTGCCCATGAGAAGTGTCTTGTTCATTTTACCCAAATGAAGTGTGA ACGTGATGTTTTCGGATGCAAACTCAGCTCAGGATTCATTTTGTGCTTAGTTTTATATGCATCCCTTA TTTTTAATACACCTGCTTCACGTCCCTATGTTGGGAAGTCCATATTTGTCTGCTTTTCTGCAGCATCA TTTCCTTACAATACTGTCCGGTGGACAAAATGACAATTGATATGTTTTCTGATATAATTACTTTAGCT GCACTAACAGTACAATGCTTGTTAATGGTTAATATAGGCAGGGCGAATACTACTTTGTAACCTTTAAAG TCTTAACTTTTCAATAAAATTGAGTGAGACTTATAGGCCCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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_001127605.3</u>
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