

Product datasheet for **SC322709**

LIPH (NM_139248) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIPH (NM_139248) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIPH
Synonyms:	AH; ARWH2; HYPT7; LAH2; LPDLR; mPA-PLA1; PLA1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322709
GAGCTCACTGTGAGCAAAATCCCACAGTGGAACTCTTAAGCCTCTGCGAAGTAAATCAT
TCTTGTGAATGTGACACACGATCTCTCCAGTTTCCATATGTTGAGATTCTACTTATTCAT
CAGTTTGTGTGCTTGTCAAGATCAGACGAGAAACATGCTTTCATTACACAGGCT
GAGCTTTCACAGTGCAGTGGTTGGTACGGGACTAAATGTGAGGCTGATGCTCTACACAAG
GAAAAACCTGACCTGCGCACAACCATCAACTCCTCAGCTTTTGGGAAGTGAATGTGAC
CAAGAAAACACCTTCATTGTCCATGGATTGAGGCAACAGGCTCCCTCCTGTTGGAT
GGATGACTTAGTAAAGGGTTTGCTCTCTGTTGAAGACATGAACGTAGTTGTTGTTGATTG
GAATCGAGGAGCTACAACCTTTAATATATACCCATGCCTCTAGTAAGACCAGAAAAGTAGC
CATGGTCTTGAAGGAATTTATTGACCAGATGTTGGCAGAAGGAGCTTCTCTTGATGACAT
TTACATGATCGGAGTAAGTCTAGGAGCCACATATCTGGGTTTGTGGAGAGATGTACGA
TGGATGGCTGGGAGAATTACAGGCTCGACCCTGCAGGCCCTTATTCAACGGGAAACC
TCACCAAGACAGATTAGATCCCAGTGATGCGCAGTTTGTGATGTCATCCATTCCGACAC
TGATGCACTGGGCTACAAGGAGCCATTAGGAAACATAGACTTCTACCCAAATGGAGGATT
GGATCAACCTGGCTGCCCAAAACAATATTGGGAGGATTTCAGTATTTTAAATGTGACCA
CCAGAGGTCTGTATACCTGTACCTGTCTCCCTGAGAGAGAGCTGCACCATCACTGCGTA
TCCTGTGACTCTACCAGGATTATAGGAATGGCAAGTGTGTCAGCTGCGGCACGTCACA
AAAAGAGTCTGTCCCCTTCTGGGCTATTATGCTGATAATTGGAAGACCATCTAAGGGG
GAAAGATCCTCCAATGACGAAGGCATTCTTTGACACAGCTGAGGAGAGCCATTCTGCAT
GTATCATTACTTTGTGGATATTAAACATGGAACAAGAATGTAAGAAGAGGGGACATTAC
CATCAAATTGAGAGACAAAGCTGGAAACACCACAGAATCCAAAATCAATCATGAACCCAC
CACATTTACAGAAATACCAAGTGAGTCTACTTGCAAGATTTAATCAAGATCTGGATAA
AGTGGCTGCAATTTCTTGATGTTCTCTACAGGATCTCTAATAGGCCCAAGGTACAAGCT
CAGGATTCCTCGAATGAAGTTAAGGTCCCTTGCCCATCCGAGAGGCGCTCAGCTGTGTCG
GTATGATCTTGTCTGATGGAAAACGTTGAAACAGTCTTCCAACCTATTCTTTGCCCAGA
GTTGCACTTGTAACTGTTGCCAGGACACATGGCCATAAATAAGAAAAGAAAGCTACAAC
CACAGGCTGTTTGAAAGCTTACCTCACCTTTCTGCAAGGCAGAAAAAGTATGAAAAAA
CCAAGGCTTTTTTCAGTAGCGTCTATGGATGTCACATTGTACATCAAACAACCTTGTA
TTATAAAACGATCCTGGGAAGGAGCCCTAACTAGGGCAAGTCAGAAATAGCCAGGCTCG
CAGCAGCGCAGCGCTGTGTCTGTGTCTGCTGGGGCTCCCTTGTCCGACCTGTCAATT
CTGCTGCCTGTACGCGGGTGGTTCTGCCCATCGCGGCTGCGGGTCAAGCATCTTCAAGG
GAAGGACGGACTGGAGGCTCACCGTGGACTCAACTCTGCATTCTCCGTGCCACATTCTCT
CCAGTTCCACACGTAAGAAGGAACGAACTGACGTCTACCTCATGGGGCTGCTGTGTGG
GTTTGGGAGGCAAAATCTATGAAGGGTTTTTGAATCCCATAGGTGCCACATCTATGA
GATGTTTGATAAATGTGAATATGCTTTTACATTGGGCTTATCTAATTTGCAATAAGAGA
GCCTCTCTCTATCAACACCAGCTTCTCTCTCGGCTGTTTGCTCAGGGAAGGCAAGAAAG
CCACGTGCTGGCCTCTGCCTTCTCTAAAGTGTGTTGGAGCATGGAGGAGCTGGAGGAG
ATGGGGATGGAAGTACAGCTAAGAGGGCGGCTGCTGGGACTAGATAGTGGATGAAGAAAG
AAGGACGAGGAAGCCGTGGGGCAGCCTTTCACATGGGGACAGGGGATGGAGCATGAGGC
AAGGGAAGGAAAAGCAGAGCTTATTTTACCTAAGGTGGAGAAGGATCACTTTACAGGC
AACGCTCATTTTAAAGCAACCTTAAGAAATGTTTATGTTTCTTTATTACCAATGTAATCT
ATGATTATTGAAGGAAATTTAGAAAATGCGTAGATACAAAAA

Restriction Sites: Please inquire

ACCN: NM_139248

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_139248.2 , NP_640341.1
RefSeq Size:	2478 bp
RefSeq ORF:	1356 bp
Locus ID:	200879
UniProt ID:	Q8WWY8
Cytogenetics:	3q27.2
Domains:	lipase
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a membrane-bound member of the mammalian triglyceride lipase family. It catalyzes the production of 2-acyl lysophosphatidic acid (LPA), which is a lipid mediator with diverse biological properties that include platelet aggregation, smooth muscle contraction, and stimulation of cell proliferation and motility. [provided by RefSeq, Jul 2008]