

Product datasheet for MC207670

Ldah (NM_172401) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldah (NM_172401) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ldah
Synonyms:	1110057K04Rik; mLDAH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207670 representing NM_172401 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCAGAAGTCGAGGAACAAATCCCTGTGCGTGAGGAGTTCTTCTCTGTGGTGGAGTTGAAACCA
AGATCATAAAATGTGGGCCCTGGACTAACCTCTTTGAGAAACAAGACGTCAGCAAGCCAAACAGCTTAT
CTTCATCATTCCCGTAACCCAGGCTATTCCGCATTCTACGTGCCATTTGCAAAGGCCTTGTAACCTTTG
ATGAAGAGCCGCTTCCCGGTATGGATAATCTCTCATGCTGGGTTTTCGGTGACTCCCAAAGACAAGAAGG
TTCTTGCAGCACACAGGAAGAGTCAAATGCTCAAAAAATTGAGGACGTCTATGGTCTGAATGGTCAAAT
AGAGCACAAAATAGCTTTTCTGAGAGCTCACGTGCCAAAGGATGTGAAGCTTATACTCATTGGCCATTCC
GTAGGCACCTATATGACCCTTCACGTGATGAAGCGAGTCCCCGAGCTGCCTGTGCGCCACGCCTTTCTGC
TCTTCCCAACTATCGAACGAATGTCTGAATCGCCCAACGGCAAGTTTGCCACTCCATTTTGTGCCAGTT
TCGATACCTGCTCTATGCTACCAGCTACTTACTTTTAAAGCCGTGCTCTGAAGTCATAAAATCTTTCATA
ATCCAAAAGCTCATGGGACAAATGAACATTAAGCTTGAAGTTTCTTTGACGGATATCCTTCAACCATTTT
GCCTTGCTAACGCTGCCTACCTCGGGAGCCAAGAAATGGTCCAGATAGTGAAGCGAGATGATGACATCAT
AAAGGAGTTTCTCCCTAAGCTTAAAGTTTACTATGGTAAACTGATGGCTGGTGTCCAGTAAAGTACTAT
GAAGACATGAAGAAAGATTTTCCAGAAGCAATATTTACCTCTGTGAGAAAGGAATACCATATGCTTTTG
TTCTCGATTTTAGCCAGGAGATGGCTACCATAGTTGCTGAGTGGATAAATAATAGACCGCCAGAAAATA
G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_172401
Insert Size:	981 bp
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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172401.4, NP_765989.3</u>
RefSeq Size:	2757 bp
RefSeq ORF:	981 bp
Locus ID:	68832
UniProt ID:	<u>Q8BVA5</u>
Cytogenetics:	12 A1.1
Gene Summary:	Serine lipid hydrolase associated with lipid droplets. Highly expressed in macrophage-rich areas in atherosclerotic lesions, suggesting that it could promote cholesterol ester turnover in macrophages.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).