

Product datasheet for RN214675

Lipa (NM_012732) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipa (NM_012732) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lipa
Synonyms:	Chole; Chole2; LAL; Lip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214675 representing NM_012732 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAACTGCTAGGCCGGGTGATCTGTTTCGTCGTTGGGATCCTGCTTTCTGGGGCCCAACGGGGACCA
TATCAGCTGTGGACCCTGAAGCAAACATGAATGTGACTGAGATAATCATGCACTGGGATATCCTGGCGA
AGAGCACTCAGTACAGACAGGAGATGGCTACATTTCTGGGTGTTCCACCGAATCCCGCATGGCGGAAGAAC
CAGTTTGTATAAAGTCCCAAACAGTTGTGTATCTTCAGCATGGCTTCTGGCAGATTCTAGTAACCTGGG
TCACAAACATTGACAACAACAGCCTGGGCTTCATCCTGGCAGATGCTGGCTTTGATGTGTGGATGGGAAA
CAGCAGAGGAAACACCTGGTCTCGGAAGCACAAGACTCTGTCACTTTCTCAGGATGAATACTGGGCCTTC
AGTTTTGATGAGATGGCAAAATATGACCTCCCTGCTTCAATTAACATCAATTTTGAATAAACTGGCCAAG
AACAGCTGTATTATGTGGGCCACTCTCAAGGCTGCACCATAGGTTTTATAGCATTTTACAGATGCCTGA
ACTGGCAAAGAAGGTTAAATGTTTTTGGCCCTGGCTCCTGTGTGTCTCAATTTTGTTCGGGCCCG
ATGGTCAAATGGGACGTTGCCGGATCTGCTTCTTGAGGACTTGTGGGCAAGCAATTTCTTCCTC
AGAGTGAATGGTAAATGGCTAAGCACTCACATTTGCACGCACGTCATCATGAAGGAGCTTTGCCCAA
CATCTTCTTTCTGATATGTGGCTTCAATGAGAAGAAATTAACATGTCTAGAGTGGATGTGTATACAACA
CACTGTCTGCGGAACTCTGTGCAAAACATGGTACACTGGACCCAGGTTGTTAAATACCATAAGCTTC
AAGCTTTTACTGGGGAAGCAGTGACAAGAATTTTTCATTACAATCAGAGTTATCCACCCTTGTACAG
CATAAAAGACATGCAACTACCCACTGCTTATGGAGCGGGGGCAAGGACTGGCTGGCAGACACCAGTGAC
ATCAATATCTTACTGACTGAAATCCCCACGTTAGTGTACCACAAGAACATTCCCGAGTGGGACCATCTGG
ATTTTATCTGGGTTTGGATGCCCTGGAGGCTGATAATGAAGTAGTCAGTCTAATGAAGAAATACCA
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012732
Insert Size:	1194 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:	<ol style="list-style-type: none"> 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:	<u>NM_012732.3</u> , <u>NP_036864.3</u>
RefSeq Size:	3230 bp
RefSeq ORF:	1194 bp
Locus ID:	25055
Cytogenetics:	1q53
Gene Summary:	hydrolase that is involved in intracellular degradation of cholesteryl esters and triglycerides; mutation in gene causes Wolman's disease [RGD, Feb 2006]