

Product datasheet for MC200927

Lipg (NM_010720) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipg (NM_010720) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lipg
Synonyms:	3110013K01Rik; EL; lipase; mEDL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020991 sequence for NM_010720
 CCACGCGTCCGACACCCGGCCTGTCCACTTCTAGTCTCTGGAGGTTTTAGTGGTTTTCAAACCAAACCA
 ACCCAAACCAACCAACAACAAAAAGCCAAACCAAAACCTGCTTGAGAGGAGGGGGCTGGCGGGGA
 AGGATGCGAAACACGGTTTTCTGCTCGGCTTTGGAGCGTCTATTGTTACTTCCCGCGGGAAGTATCA
 CAACCTTGCGTCCCGAGGGTTCGCTGCGAGATGAGCATCATAAACCCACTGGAGTACCAGTACCGCCAG
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 GACAGCAAACCTTAGAAAACCTGTGGCTTCAACATGACAGCCAAAACCTTCTTCACTTTCATGGATGGA
 CGATGAGTGGCATGTTTGGAGAGTGGCTGCATAAACTTGTATCAGCCCTGCAGATGAGAGAGAAAGATGC
 TAACGTCGTGGT
 GTGGTGGGACAGAGAGTAGCTGGGATGCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 TTCCTTGGT
 GGGCAGGATCACTGGTCTGGATCCCGCGGGTCCCATGTTTGAAGGGTGGACATCAACAGAAGGCTGTCC
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 GGATGCCTGTGGGTACATTGACATCTATCCCAATGGCGGTGACTTCCAGCCAGGCTGTGGATTCAATGA
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GTGCACTGCTGAAGTTCTTGCTGATGATTCTAGCTGTAAACCTTTGTTGCCGCCGAGGAAGCTGAGGCC
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CAAGATTTACAAAAAAAAAACAACAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_010720
- Insert Size:** 1503 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.
- RefSeq:** [BC020991](#), [AAH20991](#)
- RefSeq Size:** 3610 bp
- RefSeq ORF:** 1503 bp

Locus ID: 16891

UniProt ID: [Q9WVG5](#)

Cytogenetics: 18 E2

Gene Summary: Has phospholipase and triglyceride lipase activities. Hydrolyzes high density lipoproteins (HDL) more efficiently than other lipoproteins. Binds heparin (By similarity).[UniProtKB/Swiss-Prot Function]