

Product datasheet for **RN200819**

Lpo (NM_001105829) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpo (NM_001105829) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200819 representing NM_001105829
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGTCTTCTCGCTCTCCTGGCCCTCCTGGCTTCCCTGATCTTGCTCCAGACTGCAGCATCTGCCA
 GAAATGATCCACCTGCCAAAAGTGTATCATTTGTGACACAGTGAAGAGGTCAAGGCCTCAGTCAACAA
 GGCTTCTCGGATCCCGGTCCAGGCTGAAGAAGGCCATGAGTGCCGAGGTACGTAGCACCCGTCATCTC
 TCAGACTATCTCAAGCATGCCAAAGGCCGACACGCACAGCCATCCGAAACGGGCAGGTGTGGGAGGAAT
 CTCTAAAGAAAGTACCCAGTTTCTCACCAACGCCACAGGTCAAGGGCTGGACTTGACTTCTGCTTTTTG
 GAAGGTGGGCTGTAATCCCCCTGCTCCAGCAGTGAATTGCAACATAAGTAACCCCTACCGGACCATCACT
 GGAGACTGTAACAACAGGAAGAATCCAGCGCTGGGATCCGCCAACAGGGCGCTAGCTCGATGGTGCCGG
 CAGAGTACGAGGATGGACTCTCCCTCCCCTTCGGGTGGACGCCGGGAAGACGCGAAACGGCTACCTCT
 CCCGCAGCCCCGTGAAGTCTTAACCAGATCGCCGGCTATCTGAATGAGGAGGATGTTCTGGACCAGAAG
 AGATCTGTGCTTTCATGCAAGTGGGGTCAAGTCCGTCGACCATGACCTGGACTTTGCCCTGACACTGAAA
 TGGGGACTGATAACTACACCAAAGCCAGTGTGACGAGCACTGTATCCAGGGAGACAACCTGTTCCCCAT
 CATGTTCCCAACTGGTGACCCTAAACTGAAGACTCAGGGGAAGTGCATGTCTTTCTTCAGAGCCGGATTT
 GTCTGCCCCACACCCTACCAATCCCTGACCCGAGAGCAGATCAATGCTCTCACCTCTTCTGGATG
 CTAGCTTAGTGTATAGCCCTGAGCCGAGCATGGCAATCGACTTCGAAACCTCAGCAGCCCTTGGGCT
 CATGGCTGTCAATGAAGAAGTCTCAGACCATGGACGGCCCTTCCACCTTTCGTCAAATGAAACCCAGC
 CCCTGCGAGGTCAACAGCCACAGCTGGTGTGCCCTGCTTCTTGGCAGGAGACTCCCGAGCCTCAGAGC
 AGACTTGTGTCACATCCCACACTTTTTATCCGGGAGCACAAACCGTTAGCCAGAGAACTAAGCAC
 ACTCAACCCACACTGGGACGGAGAGACTCTCTATCAGGAGACAAGGAAGATCATGGGAGCCTTCATCCAG
 ATTATTACCTTTAGGACTATCTACCCATCCTACTGGGCGATGAGATGCAGAAAGTGGATTCCCCCATAAC
 AGGGCTACAATGAGTCTGTAGACCCCGGATTTCCAATGTTTTACCTTTGCCTTCGCTTTGGCCACTT
 GGAGATCCCTCTACTGTGTCCCGCTAGATGAAAATTATCAGCCGTGGGGTTCAGAACCTGAGCTCCCC
 CTGCACACCGTCTTCTTCAACACCTGGAGGCTGGTCAAAGATGGTGAATTGATCCTCTGGTTCGAGGCC
 TGCTGGCCAAGAAGGCCAAGTTGATGCATCAGGACAGAATGATGACGGGAGAGCTCGAAACAAGCTGTT
 CCAGCCAACTCACACCATCCATGGCTTTGACCTGGCTTCCATCAACATACAGCGGTGACAGACCACGGG
 ATGCCTGGGTACAACCTCTGGAGAGCTTCTGTGGCCTGTCCAGCCAAAGACACTAGAGGAGCTAAGTG
 CTGTCATGGAAAACGAGGTGCTGGCCAAGAAGCTGCTGGACCTACGGAACCCCGCAACATTGATAT
 CTGGCTCGGGGCCATTGCTGAACCCCTGGTTCCTGGGGTTCGGGTAGGACCTCTTTGACCTGTCTTTG
 GGCCACCAGTTCAGCGAGTCCGAGATGGAGACAGGCAAGTTCTGGTGGGAGAACCCTGGGGTCTTACA
 GAGAAGCAACGGGAGTCTCTACAGAAGTTGCTTCTCCCGCCTCGTCTGCGACAACACTGGCATCACCA
 AGGTCCCCTGAACCCATTCTGGCCAACACTACCCGCATGGCTTTGTGGACTGCTCTTCAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105829
- Insert Size:** 2097 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: [NM_001105829.1](#), [NP_001099299.1](#)

RefSeq Size: 2930 bp

RefSeq ORF: 2097 bp

Locus ID: 287610

Cytogenetics: 10q26