

Product datasheet for **MC200144**

Leprot1 (NM_026609) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Leprot1 (NM_026609) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Leprot1
Synonyms:	1110067H13Rik; 1520402O14Rik; AI854296
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004677 sequence for NM_026609
 CACCGCCCGGGTTCGTGGAGCCAGGAGCGACGTCACCGCCATGGCGGGCATCAAAGCTTTAATTAGTTTGT
 CCTTTGGAGGAGCGATCGGGCTGATGTTCTCTGATGCTTGGATGTGCCCTCCGATATACAACCAACTG
 GCCCTCTTCTGTTCTCTTTTACATCTCTCGCCATCCCGTACTGCATAGCCAGAAGATTAGTGGAT
 GACACGGACGCCATGAGCAACCGGTGTAAGGAGCTTGCCATATCCTCACCACAGGCATCGTCGTCTCGG
 CTTTTGGACTCCCTGTTGTGTTTGCAGAGCACATCTGATCGAGTGGGGAGCTTGGCAGCTTGTCTCAC
 GGGAAACACAGTCATCTTCGCGACTATTCTAGGCTTCTTCTGGTCTTTTGAAGCAACGACGACTCAGC
 TGGCAGCAGTGGTGGAGGCTGCTGAAGTGTAGTCACGTTGGACTTCTGTCTGCTGCCGGCCACCGTGC
 ACAGGAGAAGGGGCCGTGATGCTGAGCTGTTGGCGAGCCTCTGGGGTGTCTAGTTGCTTCTTCTCACT
 GTTGTTCGCCTCTGTTCCATGGGACTTGTGTAAGATTAAGGATTTTCTCATTGAAAAGCTTGG
 CTGGTTTCCACTTCTAGACTGCTTCCATGGTGTCTGCTGAATCTAAAATCCTTACATGTTTTCC
 TGTTCAAGTTGTTTTAAAATCAGTATGCAATGTTACCCATTTTAAAGTGAATAGCCATTTGCATTGGTT
 TAGGAATTCAGAACTTCTGGCTGATTATGGGCTAAAGTATATATTTCTCTAAAATCAGTTAATCTCC
 ATTTATAAAAAAGTATACATGAGTAAAGTTTTCATTAGTCAAGGATGACATCACTCCAGGTGAATGC
 AACCTTCAGAGGTTGACATACCTTATCTACTATTTACTCAGTAAAAGTAGCTGCATTTATACCTCAG
 GGGGGCCGACTGATACTGCCATGCCCTCCAGAAGGGTTGCTGGTTTTACTAGTGACAGGTGTTTTGTG
 AATTGAAAATATTTTGTGGAATTGCTATAAAAAGAGTGCTTTTCTCTCACTGTTAGAAGAATTTATGT
 TAGACTTTAAGGTACAAGTGTAAAAACAAGTTCGGGATCCAGTTTCTATCCGTGTGTGTTATGGTCAAA
 GCAAGCGAGTAGCTGTGTGGAAAAAGCAACATTGGCTTCCACTGTCTGCGTGCCGTTTCCATCCTTAG
 TGACAGGTCTGAGCTCTGCACCTCTCATGTTTGGAGGGTAAAAGGACATGCATGGGACAGTTGTGTG
 TTTGCAGTGTAGATTTCAAAGCTTCCCTCTGCTTCTCCTTTTAACTATTTGTACATTGTATATATT
 AAGTAAAAAGAACTTTTCAAATATAGTTTAAACGTTTAGAAATGTTTACTACTAGGAAACCAATTGCT
 ATGCCATACATGCAGAGTGCCCTCCCCACAAGGCCTTGACATGATTCACAAGTACTTGTAGTCTTG
 CAGGTAATCCAGGAACGTGCAGTTGTAGGACTTAGACCACCGTAAGAGTAGTCTCCCAACCTTACAGCGT
 ATGTACTTGAAAAGCACTTAAGGCAGGTTTGTGTAAACCTCTCAGTTGTGCGGGTTTGGTTTCATCGTG
 ATGGATCCGCTGTGAGTAAGGTATTTATTGTATGAATTCATACAGAGTAGCCAAATCCAGCTGTGTC
 ACCTCTTCAAACACAGCCCTGACCAAAATCTTCTCAGTGACCAGGCATGACCAAAATCGTAGCGGTCATTG
 GCATCTTCAGTTCTCAGTCTTCTTACCCAAGAGCTGATTTTGAAGTGTCTCATTGATCCAGCAGT
 ATTTTTGTGAGGACACTTGTATGTCTCCTCAGTGTGCTTATATAAAAAGAAGTGTCTGCCTTTAGCTG
 AAAAAATGAGTAACCATGACAACGTCTTTTGTGTTGTTTTTTTTTCTACAGTTTATTTCTCAAAAAA
 CAAAACAAAAAACAAAAAAGCTGGAACATGCACCAAGTTTGTTCAGCTTTTACTAAAGATGTCTACAG
 CCGCGTTTTTATTTGTTTCTGTTTGCCTGACCCATGTTTTATTACTATGGTGGTGGAGTGGGAAGCG
 TTATGAAATGTCCAAATGCGGCCATGCCATTTGTGGGTTAGACCAGCAGTGGCTTGTGAGTAATGATGA
 CAGAGACTCGCCGGCGGTGTGCGCATGGTCAGAACCTCTCTGGGATCAAGAATGGAGCAGGAGTTTTG
 TCTCTGGTCTCCTGCCCTCTGCTCCTTCAAGCGAAGTGTGAGCGCTTGGCCATAGACTCCTTTCT
 AACAGTGCATATTTCTGGTACTAACTAATCTTAGCAGCAGCATTGCGTGTCTGACATGACTG
 CTTGCCAATCCCATCTCTGTTTCTAGGCTAGCTACTTAAGAGTATTTTCATGAGTATGCCCAACACAT
 TGTCGTCTACCGTGGAGAGAGAAAACTTTTGTATGACAAAAACAATAAAGATTTTAAATATCAAAAAA
 AAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_026609
- Insert Size:** 396 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: [BC004677](#), [AAH04677](#)

RefSeq Size: 2609 bp

RefSeq ORF: 396 bp

Locus ID: 68192

UniProt ID: [Q9CQ74](#)

Cytogenetics: 8 A4

Gene Summary: Negatively regulates growth hormone (GH) receptor cell surface expression in liver. May play a role in liver resistance to GH during periods of reduced nutrient availability.
[UniProtKB/Swiss-Prot Function]