

Product datasheet for MC200687

Leprot (BC010289) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Leprot (BC010289) Mouse Untagged Clone
Tag: Tag Free
Symbol: Leprot
Synonyms: MGC6694, LEPR, VPS55, OB-RGRP
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010289
 GCCCCAGCTCCAGAGACATGGCGGGCGTTAAAGCTCTCGTGGCGCTCCTTCAGTGGGCAATTGGGCT
 GACTTTTTCTTATGCTGGGATGTGCGTTGGAGACTATGGGGTCACATATGACTCCGACGCGACCAGCAGT
 GCCTGTGCGGAACTGGCGTATTTCTTACCAGCTGGGATTGTTGTTTCTGCCTTTGGACTTCTGTGTTCT
 TTGCTCGTGTGGGTGTGATCAAGTGGGAGCCTGTGGTCTTGTGCTGGCCGGCAACGCTGTCATTTTCT
 CACAATCAAGGCTTCTCCTCGTCTTTGGAAGAGGAGATGATTCAGTTGGAAACAGTGGTAGCCCTC
 CTCCCATGGAAGCATTGAGTCTTAGAATTTGTACTGTACGTATATGTGTGCACATGTGTTTCAGATTT
 GAATATGCTGAGTTTTTTATACCTTTATATCATGATCATCTTAGGGAAGATGTTGTAACAAAAGATGA
 GTTTTACTCCTGGCACACAGGTCCTCATTGACTCAAAGTGAATTTTTATCTTCTAGCTTCCAGAA
 AGCCTGTTACTATGGCCTGTAGACAGCTGCTCACTTATCCAGGGGTCTAAACCTTTTGCCTTGGGTTA
 GGCTTGGGAGACTGGGGCAGATCTCCTACAGCCAAACATAGGTGGCGCTCCTCCTGTACACTTAGAC
 TCATCTCATCCACACAGAGCATCAGCATCTGCTAGGAGCCATTGGGGATGCAGGCTCAGACTGGCTAAC
 TTTGATGCGATTGCACACTTGGCACATGCACATTGACGGGTGAGGAGTTTGTGTAGAGGAATAAGCAT
 CATAGCTCCCCTGCCCTCTGCGGTGTTGCATGCTCATTGTCAGGAAAAAAAAAAAAATCACCCGCCCT
 GCTGTGAATGAGTTCAGACTTCAGGTGTTTCTAACATGTTCAAGTCTATAACTTGTGTTGTTCTCAA
 ATTTGGGGACCTGTTCTTAGGCAGGAACAGATAAGTCATCCAAAAGGCAGTGGCTGATTGCTCAGAATA
 AGATACAAAATAACAAAAAACCCCTCTGGGTGCAAGGAGGGAACTTGGCTGGAATGGTCCCTACTTT
 AAGTGGAGGGCAGGATAGACAATTTTGGAAATGTCCCTCTACGGTGCCTCCCATCCCCATGCAGCATT
 CCTGTTTGTCTTGGTGGTGGTCTCCTGAAGGGTATGAGGCAAGAGTGAGCAGAGAGGAGGGAGTCAC
 GAAGTTACACGCTGGTGCATTTTCATCCTTGATATTGAACTTGATGTCACCTCCACAGGACACAGGG
 ATCCACATCATTTTGGTCTTATAAACAGTTTTTCTAGCTCATCTTTTTATCTGGAGCCTACTGGGAGA
 AGGAAGTGAAGTACAAGCACCCAGTGGGATGCCATCAGCGGTGTTTAAAGCATTGATGCTGCTCGCTA
 ATGAGTGTCCAGAGCACTCTCCCTTGGGCTTATGGTCCAAGGAGTCAAGCATCCGGGCCAGGGCTGGTGT
 GACGCTGGGACCAGCAGGTGAATGGACAGAGGACAGTGTGCAATGTTATTTTTGGCCTTGTGCATGACA
 TTATGTTTTGAATTTTTGTGTACAAAATAGAATTGTTAGCGTTGCTATTCTAGTATTTACATTAGAAAA
 ATTATTTAGATACTTGATCATTTAACTGGCATTTTTAAATCATGACACTTGCTATTGTAATAAATTTGACT
 TTTAACACTGAAA



[View online »](#)

| | |
|-------------------------------|---|
| Restriction Sites: | RsrII-NotI |
| ACCN: | BC010289 |
| Insert Size: | 327 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>BC010289</u> , <u>AAH10289</u> |
| RefSeq Size: | 1815 bp |
| RefSeq ORF: | 327 bp |
| Locus ID: | 230514 |
| Cytogenetics: | 4 C6 |
| Gene Summary: | Negatively regulates leptin receptor (LEPR) cell surface expression, and thus decreases response to leptin. 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] |