

Product datasheet for **RN208416**

Leprot1 (NM_001013188) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Leprot1 (NM_001013188) Rat Untagged Clone
Tag: Tag Free
Symbol: Leprot1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN208416 representing NM_001013188
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCATCAAAGCTTTAATTAGTTTGTCTTTGGAGGAGCTATCGGACTGATGTTTTTATGCTTG
GATGTGCCCTTCCAATATACAACCAATACTGGCCCTCTTCGTTCTCTTTTACATCCTCTCGCCAT
TCCGTAAGTGCATAGCCAGAAGATTGGTGGACGACACAGACGCCATGAGCAACGCTTGAAGGAGCTCGCC
ATATTCCTCACCACAGGTGTCGTCGTCGCGCCTTTGGGCTCCCTGTAGTGTGGCCAGGGCACATCTGA
TTGAATGGGAGCATGCCACTTGTCTCACCGAAACACAGTCATCTTCGCGACTATTCTAGGCTTCTT
CCTGGTCTTCGGGAGCAATGATGACTTCAGCTGGCAGCAATGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013188
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: [NM_001013188.2](#), [NP_001013206.1](#)

RefSeq Size: 686 bp

RefSeq ORF: 396 bp

Locus ID: 361160

UniProt ID: [Q6PDU4](#)

Cytogenetics: 16q12.2

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 (By similarity). [UniProtKB/Swiss-Prot Function]