

Product datasheet for **RN208485**

Lep (NM_013076) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lep (NM_013076) Rat Untagged Clone
Tag: Tag Free
Symbol: Lep
Synonyms: OB; obese
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208485 representing NM_013076
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCTGGAGACCCCTGTGCCGTTCTGTGGCTTTGGTCTATCTGTCCTATGTTCAAGCTGTGCCTA
 TCCACAAAGTCCAGGATGACACCAAAACCTCATCAAGACCATTGTCACCAGGATCAATGACATTTACA
 CACGCAGTCGGTATCCGCCAGGCAGAGGGTCACCGGTTTGGACTTCATCCCGGGCTTCACCCATTCTG
 AGTTTGTCCAAGATGGACCAGACCTGGCAGTCTATCAACAGATCCTCACCAGCTTGCTTCCCAAACG
 TGCTGCAGATAGCTCATGACCTGGAGAACCTGCGAGACCTCCTCCATCTGCTGGCCTTCTCCAAGAGCTG
 CTCCCTGCCGAGACCCGTGGCCTGCAGAAGCCAGAGAGCCTGGATGGCGTCTGGAAGCCTCGCTCTAC
 TCCACAGAGGTGGTGGCTCTGAGCAGGCTGCAGGGCTCTCTGCAGGACATTCTTCAACAGTTGGACCTTA
 GCCCTGAATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013076
Insert Size: 504 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).



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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>NM_013076.3</u> , <u>NP_037208.1</u>
RefSeq Size:	3290 bp
RefSeq ORF:	504 bp
Locus ID:	25608
UniProt ID:	<u>P50596</u>
Cytogenetics:	4q22
Gene Summary:	involved in regulation of body weight, and may have a role in angiogenesis [RGD, Feb 2006]