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Product datasheet for SC206473

Leptin Receptor (LEPR) (NM_002303) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Leptin Receptor (LEPR) (NM_002303) Human 3' UTR Clone
Symbol:	Leptin Receptor
Synonyms:	CD295; LEP-R; LEPRD; OB-R; OBR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002303
Insert Size:	484 bp
Insert Sequence:	>SC206473 3' UTR clone of NM_002303 The sequence shown below is from the reference sequence of NM_002303. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC GGAAAACAAGATGTGTGACCTAACTGTG**TAA**TTTCACTGAAGAAACCTTCAGATTTGTGTTATAATGGGT AATATAAAGTGTAATAGATTATAGTTGTGGGTGGGAGAGAGAAAAGAAACCAGAGTCAAATTTGAAAATA ATTGTTCCAAATGAATGTTGTCTGTTTGTTCTCTCTTAGTAACATAGACAAAAAATTTGAGAAAGCCTTC ATAAGCCTACCAATGTAGACACGCTCTTCTATTTTATTCCCAAGCTCTAGTGGGAAGGTCCCTTGTTTCC AGCTAGAAATAAGCCCAACAGACACCATCTTTTGTGAGATGTAATTGTTTTTTCAGAGGGCGTGTTGTTT TACCTCAAGTTTTTGTTTTGTACCAACACACACACACACACACATTCTTAACACATGTCCTTGTGTGTTT TGAGAGTATATTATGTATTTATATTTTGTGCTATCAGACTGTAGGATTTGAAGTAGGACTTTCC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_002303.4

Summary: The protein encoded by this gene belongs to the gp130 family of cytokine receptors that are known to stimulate gene transcription via activation of cytosolic STAT proteins. This protein is a receptor for leptin (an adipocyte-specific hormone that regulates body weight), and is involved in the regulation of fat metabolism, as well as in a novel hematopoietic pathway that is required for normal lymphopoiesis. Mutations in this gene have been associated with obesity and pituitary dysfunction. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. It is noteworthy that this gene and LEPROT gene (GeneID:54741) share the same promoter and the first 2 exons, however, encode distinct proteins (PMID:9207021).[provided by RefSeq, Nov 2010]

Locus ID: 3953