

Product datasheet for SC201957

Orexin Receptor 2 (HCRT2) (NM_001526) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Orexin Receptor 2 (HCRT2) (NM_001526) Human 3' UTR Clone
Symbol:	Orexin Receptor 2
Synonyms:	ORXR2; OX2R; OXR2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001526
Insert Size:	193 bp
Insert Sequence:	<p>>SC201957 3'UTR clone of NM_001526</p> <p>The sequence shown below is from the reference sequence of NM_001526. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AATGGAGCAGGACCACTTCAAACTGGTAGAATATTTATTCATATGACAAGGATACCTGAGTAAACTA TCCTTTTTAAATCACTGGGAACAGAAATTTATTATCCTATGATGTGAAGCTAAAATTACTTGTGGAT CTTTTTTTTTTAAATCTATTGCTCTTTGAAAATAAAAAAAGTCAGTTTAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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).
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:	<u>NM_001526.5</u>


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Summary: The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRT1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]

Locus ID: 3062

MW: 7.4