

## Product datasheet for **RC213760L3V**

### Orexin Receptor 2 (HCRTR2) (NM\_001526) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Orexin Receptor 2 (HCRTR2) (NM_001526) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Orexin Receptor 2
Synonyms:	ORXR2; OX2R; OXR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001526
ORF Size:	1332 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213760).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001526.2</a>
RefSeq Size:	1843 bp
RefSeq ORF:	1335 bp
Locus ID:	3062
UniProt ID:	<a href="#">O43614</a>
Cytogenetics:	6p12.1
Protein Families:	Druggable Genome
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 50.5 kDa

**Gene 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 (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]