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Product datasheet for RC222881L1V

Corticotropin Releasing Factor Receptor 2 (CRHR2) (NM_001883) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Corticotropin Releasing Factor Receptor 2 (CRHR2) (NM_001883) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Corticotropin Releasing Factor Receptor 2
Synonyms:	CRF-RB; CRF2; CRFR2; HM-CRF
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001883
ORF Size:	1233 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222881).`
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. More info
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:	NM_001883.2
RefSeq Size:	2998 bp
RefSeq ORF:	1236 bp
Locus ID:	1395
UniProt ID:	Q13324
Cytogenetics:	7p14.3
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	47.7 kDa
Gene Summary:	The protein encoded by this gene belongs to the G-protein coupled receptor 2 family, and the subfamily of corticotropin releasing hormone receptor. This receptor shows high affinity for corticotropin releasing hormone (CRH), and also binds CRH-related peptides such as urocortin. CRH is synthesized in the hypothalamus, and plays an important role in coordinating the endocrine, autonomic, and behavioral responses to stress and immune challenge. Studies in mice suggest that this receptor maybe involved in mediating cardiovascular homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jan 2011]