

Product datasheet for **RC216124L1V**

CRF1 (CRHR1) (NM_004382) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CRF1 (CRHR1) (NM_004382) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CRF1 |
| Synonyms: | CRF-R; CRF-R-1; CRF-R1; CRF1; CRFR-1; CRFR1; CRH-R-1; CRH-R1; CRHR; CRHR1L |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_004382 |
| ORF Size: | 1245 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC216124). |
| 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_004382.2 |
| RefSeq Size: | 2594 bp |
| RefSeq ORF: | 1248 bp |
| Locus ID: | 1394 |
| UniProt ID: | P34998 |
| Cytogenetics: | 17q21.31 |
| Domains: | 7tm_2, HormR |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |



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Protein Pathways: Long-term depression, Neuroactive ligand-receptor interaction

MW: 47.7 kDa

Gene Summary: This gene encodes a G-protein coupled receptor that binds neuropeptides of the corticotropin releasing hormone family that are major regulators of the hypothalamic-pituitary-adrenal pathway. The encoded protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response and obesity. Alternative splicing results in multiple transcript variants. Naturally-occurring readthrough transcription between this gene and upstream GeneID:147081 results in transcripts that encode isoforms that share similarity with the products of this gene. [provided by RefSeq, Aug 2016]