

Product datasheet for **SC330391**

CRF1 (CRHR1) (NM_001256299) Human Untagged Clone

Product data:

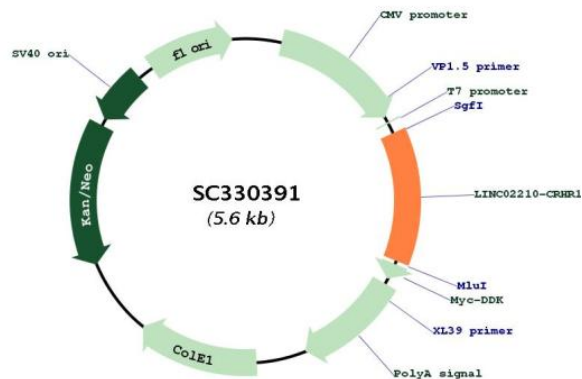
Product Type: Expression Plasmids
Product Name: CRF1 (CRHR1) (NM_001256299) Human Untagged Clone
Tag: Tag Free
Symbol: LINC02210-CRHR1
Synonyms: CRHR1-IT1-CRHR1; MGC57346-CRHR1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330391 representing NM_001256299.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGCCCCGAGGTCCACCAGAGCAACGTGGGCTGGTGCAGGTTGGTGACAGCCGCCTACAACACTCTTC
CATGTGACCAACTTCTTCTGGATGTTTCGGCGAGGGCTGCTACCTGCACACAGCCATCGTGCTCACCTAC
TCCACTGACCGGCTGCGCAAATGGATGTTTCATCTGCATTGGCTGGGGTGTGCCCTTCCCCATCATTGTG
GCCTGGGCCATTGGGAAGCTGTACTACGACAATGAGAAGTGTGGTTTGGCAAAGGCCTGGGGTGTAC
ACCGACTACATCTACCAGGGCCCCATGATCCTGGTCCTGCTGATCAATTTTCATCTTCTTTTCAACATC
GTCCGCATCCTCATGACCAAGCTCCGGGCATCCACCACGTCTGAGACCATTTCAGTACAGGAAGGCTGTG
AAAGCCACTCTGGTGCTGCTGCCCTCCTGGGCATCACCTACATGCTGTTCTTCGTAATCCCGGGGAG
GATGAGGTCTCCCGGTCGTCTTTCATCTACTTCAACTCCTTCTGGAATCCTTCCAGGGCTTCTTTGTG
TCTGTGTTCTACTGTTTCTCAATAGTGAGGTCGGTCTGCCATCCGGAAGAGGTGGCACCGGTGGCAG
GACAAGCACTCGATCCGTGCCGAGTGGCCCGTCCATGTCCATCCCCACCTCCCCAACCCGTGTGTCAG
TTTCACAGCATCAAGCAGTCCACAGCAGTGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001256299

Insert Size: 723 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001256299.1](#)

RefSeq Size: 2714 bp

RefSeq ORF: 723 bp

Locus ID: 104909134

UniProt ID: [P34998](#)

Cytogenetics: 17q21.31

MW: 28.1 kDa

Gene Summary: This locus represents naturally occurring readthrough transcription between neighboring genes CRHR1-IT1, CRHR1 intronic transcript 1 (Gene ID: 147081) and CRHR1, corticotropin releasing hormone receptor 1 (Gene ID: 1394) on chromosome 17. The readthrough transcript encodes a protein that shares sequence identity with the product of the CRHR1 gene. [provided by RefSeq, Dec 2016]

Transcript Variant: This variant (5) contains alternate 5' exon structure, and it thus differs in the 5' UTR, initiates translation at a downstream in-frame start codon, and it also lacks an alternate exon that results in a frameshift in the 3' coding region, compared to variant 6. The encoded isoform (5) is shorter at the N-terminus and has a distinct C-terminus, compared to isoform 6.