

## Product datasheet for RC237182

### LINC02210-CRHR1 (NM\_001303016) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LINC02210-CRHR1 (NM_001303016) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LINC02210-CRHR1
Synonyms:	CRHR1-IT1-CRHR1; MGC57346-CRHR1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237182 representing NM_001303016 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGTGTCCGCTACAATACCACAAAAAAGCAAGGTGCACTACCATGTGCGAGTCATCACTCACTACC  
TGGCCACTGTATCTCCCTGGTGGCCCTCTGGTGGCCTTTGTCCTCTTTCTGCGGCTCAGGAGCATCCG  
GTCCCTGCGAAACATCATCCACTGGAACCTCATCTCCGCCTTCATCCTGCGCAACGCCACCTGGTTCGTG  
GTCCAGCTAACCATGAGCCCGAGGTCCACCAGAGCAACGTGGGCTGGTGCAGGTTGGTGACAGCCGCT  
ACAACACTTCCATGTGACCAACTTCTTCTGGATGTTCCGGCGAGGGCTGTACCTGCACACAGCCATCGT  
GCTCACCTACTCCACTGACCGGCTGCGCAAATGGATGTTTCATCTGCATTGGCTGGGGTGTGCCCTCCCC  
ATCATTGTGGCCTGGGCCATTGGGAAGCTGACTACGACAATGAGAAGTGTGGTTTGGCAAAGGCCTG  
GGGTGTACACCGACTACATCTACCAGGGCCCCATGATCCTGGTCTGCTGATCAATTTCACTTCTTTTT  
CAACATCGTCCGCATCCTCATGACCAAGCTCCGGGCATCCACCACGTCTGAGACCATTAGTACAGGGCT  
TCTTTGTGTCTGTGTTCTACTGTTTCTCAATAGTGAGGTCCGTTCTGCCATCCGGAAGAGGTGGCACCG  
GTGGCAGGACAAGCACTCGATCCGTGCCGAGTGGCCCGTCCATGTCCATCCCCACCTCCCCAACCCGT  
GTCAGCTTTCACAGCATCAAGCAGTCCACAGCAGTCTGAGCTGGCAGGTCATGGAGCAGCCCCAAAGAG  
CTGTGGCTGGGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237182 representing NM\_001303016  
 Red=Cloning site Green=Tags(s)

MVSATIPQKSKVHYHVAVIINYLGHICISLVALLVAFVLFRLRSIRCLRNIHWNLISAFILRNATWVF  
 VQLTMSPEVHQSNVWGCRLVTAAYNYFHVTNFFWMFGEGCYLHTAIVLTYSTDRLRKWMFICIGWGVFPF  
 IIVAWAIGKLYDNEKCFWFKRPGVYTDYIYQGPMLVLLINFIFLFNIVRILMTKLRASSTSETIQYRA  
 SLCLCSTVSSIIVRSVLPSSGRGGTGGRTSTRVPEWVPVPCSPPPQPVSAFTASSSPQQSELAGHGAAPKE  
 LWLGG

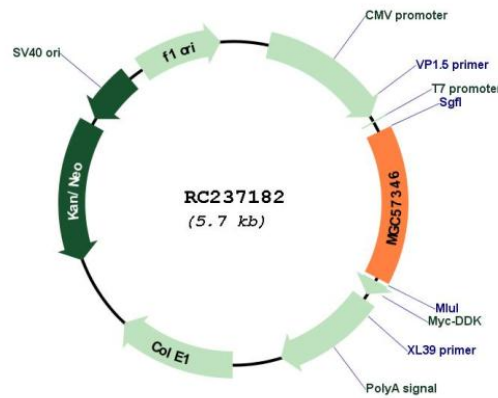
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001303016

ORF Size: 855 bp

<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001303016.1</a> , <a href="#">NP_001289945.1</a>
<b>RefSeq Size:</b>	2522 bp
<b>RefSeq ORF:</b>	858 bp
<b>Locus ID:</b>	104909134
<b>UniProt ID:</b>	<a href="#">P34998</a>
<b>Cytogenetics:</b>	17q21.31
<b>MW:</b>	32.5 kDa
<b>Gene Summary:</b>	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]