

## Product datasheet for RN209735

### Crhbp (NM\_139183) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Crhbp (NM\_139183) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Crhbp  
 Synonyms: Crfbp  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN209735 representing NM\_139183  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCACCGAACTCAAACCTCAATGCCACTTCACTCTGATCCTCCTGACAGCTCTAAGGGGAGAGAGCC  
 GCTACCTAGAGGTGCAAGAAGCCGAGTCTACGACCCCTTCTGCTTTTCAGCGCCAATTTGAAGCGGAA  
 CCTGGCAGAGGAGCAGCCCTACCGACGGGCTCTGCGCTGCTGGACATGCTGAGCCTCCCTGGCCAGTTC  
 ACCTTCACCGCTGACCAGCCGAGCTGCACTGCGCCGCCTTCTTCATCGGCGAGCCGGAGGATTCATCA  
 CCATCCACTTTGACCTGGTCTCCATCGACTGCCAGGGTGGGGATTTCTGAAGGTATTTGATGGTTGGAT  
 CCTTAAGGGGGAGAAGTCCCAAGTTCTCAGGATCACCTCTGCCACCAGGGAGAGGTACACAGATTTTC  
 TGTGAGAGCGGTCTCACCAGAAGGAGTGTACATCTTCCAGAATGTGGCCATGGTCTTCTCCGGGTCC  
 ATGAACCAGGAAATGGATTCACGATAACCATAAAGACAGACCCCAACCTTCCCTTGCAATATCATCTC  
 TCAGACTCCGAGTGGAAAGATTTACTTTGGTGGTCCATACCAGCACCAAACTGCAGCTTTTCCATCATT  
 TATCCGGTGACCATCAAATCTCTGACCTCGCCCTGGGACACCTGCATGGCCTTCAGTTGAAGAAACCTG  
 CGGCTGGCTGTGGTGGAACTGGAGACTTTGTGGAGCTGCTGGGAGGAACCTGGACTGGACACCTCCAAGAT  
 GATGCTCTTAGTGGACCTGTGTTACCCCTTTCATGGCCCTGCCAGATGAAAATTAGCTGCGACAATGCT  
 GTGGTGAGGATGGTCTCCAGTGGAAAACACATGAACCGTGTGACTTTTGAATATCGTCAGCTGGAACCCAC  
 TCGAGCTGGAAACCTCGACCAGAAAACAGCATCCCGGAGTACTGCTGTCTAGTCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_139183  
 Insert Size: 969 bp



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<b>OTI Disclaimer:</b>	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).
<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_139183.2</a> , <a href="#">NP_631922.1</a>
<b>RefSeq Size:</b>	1636 bp
<b>RefSeq ORF:</b>	969 bp
<b>Locus ID:</b>	29625
<b>Cytogenetics:</b>	2q12
<b>Gene Summary:</b>	binds corticotropin releasing hormone and modulates CRH action; may act as a reservoir of endogenous CRH in the brain [RGD, Feb 2006]