

Product datasheet for **RR209735**

Crhbp (NM_139183) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crhbp (NM_139183) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crhbp
Synonyms:	Crfbp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209735 representing NM_139183 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCACCGAACTCAAACCTCAATGCCACTTCACTCTGATCCTCCTGACAGCTCTAAGGGGAGAGAGCC
GCTACCTAGAGGTGCAAGAAGCCGAGTCTACGACCCTTCTGCTTTTCAGCGCCAATTTGAAGCGGAA
CCTGGCAGAGGAGCAGCCCTACCGACGGGCTCTGCGCTGCTGGACATGCTGAGCCTCCCTGGCCAGTTC
ACCTTCACCGCTGACCAGCCGAGCTGCACTGCGCCGCCTTCTTCATCGGCGAGCCGGAGGATTCATCA
CCATCCACTTTGACCTGGTCTCCATCGACTGCCAGGGTGGGGATTTCTGAAGGTATTTGATGGTTGGAT
CCTTAAGGGGGAGAAGTTCCCAAGTTCTCAGGATCACCTCTGCCACCAGGGAGAGGTACACAGATTTTC
TGTGAGAGCGGTCTCACCAGAAGGAGTGTACATCTTCCAGAATGTGGCCATGGTCTTCTCCGGGTCC
ATGAACCAGGAAATGGATTCACGATAACCATAAAGACAGACCCCAACCTTCCCTTGCAATATCATCTC
TCAGACTCCGAGTGAAGATTTACTTTGGTGGTCCATACCAGCACCAAACTGCAGCTTTTCCATCATT
TATCCGGTGACCATCAAATCTCTGACCTCGCCCTGGGACACCTGCATGGCCTTCAGTTGAAGAAACCTG
CGGCTGGCTGTGGTGAACCTGGAGACTTTGTGGAGCTGCTGGGAGGAACCTGGACTGGACACCTCCAAGAT
GATGCTCTTAGTGGACCTGTGTTACCCCTTTCATGGCCCTGCCAGATGAAAATTAGCTGCGACAATGCT
GTGGTGAGGATGGTCTCCAGTGGAAAACACATGAACCGTGTGACTTTTGAATATCGTCAGCTGGAACCA
TCGAGCTGGAACCTCGACCAGAAAACAGCATCCCGGAGTACTGCTTGTCTAGTCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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.
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:	<ol style="list-style-type: none"> 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_139183.2 , NP_631922.1
RefSeq Size:	1636 bp
RefSeq ORF:	969 bp
Locus ID:	29625
Cytogenetics:	2q12
MW:	36.2 kDa
Gene Summary:	binds corticotropin releasing hormone and modulates CRH action; may act as a reservoir of endogenous CRH in the brain [RGD, Feb 2006]