

Product datasheet for **RR214666**

Cbr3 (NM_001107110) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cbr3 (NM_001107110) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cbr3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214666 representing NM_001107110
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTCGTCCTGCAGCCGCGTGGCCCTGGTGACTGGGGCTAACAAAGGCATCGGCTTCGCGATCACGCGTG
ACCTGTGTCGGAATTCGGGGGACGTGGTGCTCACGGCGGGGACGAGGCGGGGCCGCGCAGCGGT
GAAGCAGCTGCAGGCGGAGGCCCTGAGCCACGCTTCCACCAGCTGGACATCGACAACCCGCAGAGCATC
CGCGCGCTGCGGACTTTCTGCGCAAGGAGTACGGAGGACTTAACGTGCTGGTCAACAATGCGGGCATCG
CCTTTAGAATGGATGATCCAACGCCCTTCGACGTTCAAGCTGAGGTGACACTGAAGACGAACTTCTTTGC
CACTAGAAATGTCTGCACCGAGCTGCTGCCATAATGAAACCACATGGTAGAGTGGTGAATGTCAGCAGT
CTGCAGGGGTTAAAAGCCCTTAAAACTGCAGCGAAGATCTTCAGGAAAGGTTCCGATGTGACACTTA
CCGAGGGGGATCTGGTCGACCTCATGAAAAAGTTTGTGGAGGACACAAAAATGAAGTCCACGAGAGAGA
AGGTTGGCCAGACTCAGCTTACGGGTGTCCAAGCTGGGCGTGACAGTCTTACGAGAATCCTGGCCGG
CAGCTGGACGAGAAGAGGAAAGCGGACAGGATTTGCTGAATGCCTGCTGCCCGGATGGGTGAAGACCG
ACATGGCGAGGGACCAGGGCTCCAGGACCGTGAAGAGGGGGCAGAAACCCCGTTTACTTGGCCCTCCT
GCTCCAGATGCCACTGAGCCTCATGGCCAGCTCGTCCGTGACAAAGTTGTGAAACGTGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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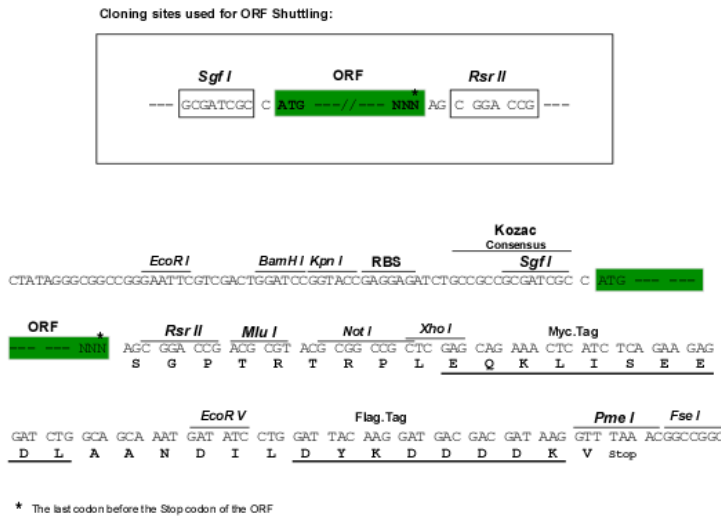
Protein Sequence: >RR214666 representing NM_001107110
 Red=Cloning site Green=Tags(s)

MSSCSRVALVTGANKGIGFAITRDLCKRFSGDVLTARDEARGRAAVKQLQAEGLSPRFHQLDIDNPQSI
 RALRDFLRKEYGGLNVLVNNAGIAFRMDDPTPFVDVQAEVTLKTNFFATRNVCTELLPIMKPHGRVVNVSS
 LQGLKALENCSEDLQERFRCDTLTEGDLVDMKKFVEDTKNEVHEREGWPDSAYGVSKLGVTVLTRILAR
 QLDEKRAADRILLNACCPGWVKDMARDQGSRTVEEGAETPVYLALLPPDATEPHGQLVRDKVVQTW

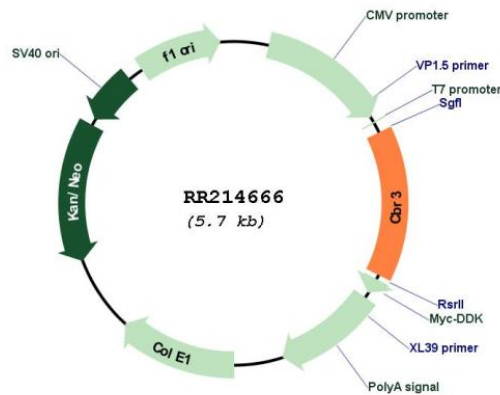
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107110

ORF Size: 831 bp

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_001107110.1 , NP_001100580.1
RefSeq Size:	1175 bp
RefSeq ORF:	834 bp
Locus ID:	304078
Cytogenetics:	11q11
MW:	30.8 kDa