

Product datasheet for **RR213008**

Cbx6 (NM_001012119) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cbx6 (NM_001012119) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cbx6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213008 representing NM_001012119
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTGTCTGCAGTAGGCGAGTGGGTCTTCGCGGCCGAATCCATCATCAAACGCCGGATCCGAAAGG
GACGCATCGAGTACCTGGTGAATGAAAGGGTGGCGATCAAGTACAGCACTTTGGGAGCCAGAGGAGAA
CATTCTGGATTCGAGGCTCATCGCAGCCTTCGAGCAGAAGGAAACGTGAGCTGTATGGGCCAAAG
AAGAGGGGACCTAAACCCAAAACCTTTCCTCCTAAAGCCAAGCGCCAGCGCCTCCTCGCCCAAGCTGCACT
CCAGCGCTGCGGTGCACCGGCTCAAGAAAGACATCCGCCGCTGCCACCGTATGTCCCGCCGCCCTTCCG
ACGACCAGACCCACAAGGGGTAACCCTGGCCTGCGCCACCCATCTCGCCCTTTCTGAGACCGTGCGC
ATCATCAACCGCAAGGTGAAGCCCGGGAACCAAGCGGAACCGCATCATCCTGAACCTGAAGGTGATTG
ACAAGGGCCCGGAGGTGGCAGCACTGCCAGGGCACCAGGGCACTGGCCCGCCGAAAGTCCCCTCGC
GAACCGGGTCAATGGGAAGAGCAAGAAGTTCAGCGAGAGCATGCTCCGACCCAGATCCGCCACATGAAG
TTTGGCACCTTTGCACTCTACAAGCCCCCTCCCGCCCTCTGGTGCCTCTACTGCGGGCAAAGCTGACG
TGGCCTCCTCGGGCCTGGGCTGCTCCTGGCCACCCAGCTGCTGCCCTTTGACGCACACAGCTCTAG
CTTTCCGGCTGCCCTCACCCACTGCACTCTCTGACCCAGATGATGCCACCCAAAGCTCCTCCCC
GAGACCATAAGCCGATCTGCGTCCAACCTGGCGAGAGTCAAGAGGTGCTCGATCTGTCCATCCCTCCTGAGG
CAGCTGCCACCGCCAGCGGGTGCCTCCTGATGTCACTGCTGCTGCGGGCCAGGCCTACACACAGTTCT
GGAGGCCACAGGTACCGGCTCCTCCGAGCCTGAGGCTGGGGACTGGCGCCCGAGATGTCGCCATGCTCC
AATGTAGTCGTACAGATGTCAACAGCAACCTCCTGACCGTGACCATCAAGGAATTCTGCAGCCCTGAGG
ATTCGAGAAGGTGGCTGCTGGGTGGCAGGTGCTACAGGGGTGGGGTGGCACTGGGCCAAGTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213008 representing NM_001012119
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MELSAVGEWVFAAESIIKRRIRKGRIEYLKWKGWAIKYSTWEPEENILDSRLIAAFEQKERERELYGPK
 KRGPKPKTFLLKPSASASSPKLHSSAAVHRLKDIRRCHRMSRRPLPRDPQGGNPLRPPISPFSETVR
 IINRKKVPREPKRNRIILNLKVIDKGGGGSTAQGTGALARPKVPSRNRVIGKSKKFSESLMRTQIRHMK
 FGTFALYKPPAPLVPSTAGKADVASSGPGLLLATPAAAPFDAHSSSSSGCPSPTLQSSDPDDAPPKLLP
 ETISRSASNWRESEVLDLSSIPPEAAATGQRVPPDVTAAAGQALHTVLEATGTGSSEPEAGDWRPEMSPCS
 NVVVDVTSNLLTVTIKEFCSPEDFEKVAAGVAGATGGGGGTGPSK

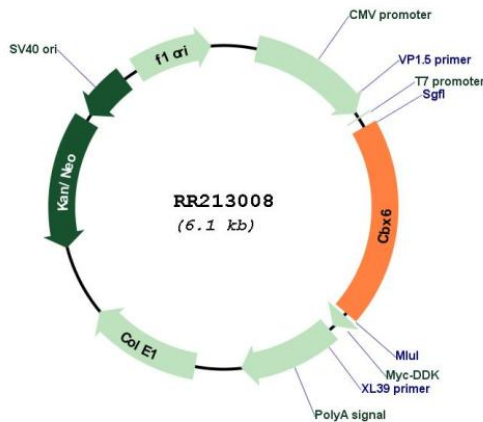
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012119

ORF Size:	1188 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_001012119.1 , NP_001012119.1
RefSeq Size:	3095 bp
RefSeq ORF:	1191 bp
Locus ID:	315136
Cytogenetics:	7q34
MW:	42.5 kDa