

Product datasheet for **RR201149**

Crx (NM_021855) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crx (NM_021855) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Crx
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201149 representing NM_021855
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGCGTATATGAACCCGGGACCTCACTATTCGGTCAATGCCTTGGCCCTGAGTGGCCCCAGTGTGG
ACCTGATGCACCAGGCTGTCCATACTCAAGTCCCCCTAGGAAGCAGAGCGGGAGCGGACCACGTTTAC
CAGGAGCCAGCTGGAGGAGCTGGAGGCCCTGTTTGCCAAGACCCAGTACCCGGATGTGTATGCACGTGAG
GAGGTTGCTCTCAAGATCAACCTGCCTGAGTCCAGGGTCCAGGCTGTTTCAAGAATCGCAGGGCGAAAT
GCAGACAGCAGAGGCAGCAGCAGAAACAGCAGCAGCAGCCCCAGGGGTACAAGCCAAGGCTCGTCTGC
GAAGAGGAAGGCAGGCACATCCCCGAGACCCTCTACAGATGTTTGTACAGATCCTTTGGGCATCTCAGAT
TCCTACAGCCCATCTCTGCCTGGTCCCTCAGGTTACCTACCACAGCAGTGGCCACCGTATCCATCTGGA
GTCCGGCCTCAGAGTCTCCTTTGCCTGAGGCCAGAGAGCTGGCCTAGTGGCTTCAGGGTCTCTCTCAC
CTCAGCCCCTTATGCCATGACCTATGCCCTGCTTCTGCTTTCTGTTCTTACCTTCAGCTTATGCATCT
CCAAGCTCCTATTTAGTGGGTTGGATCCATACCTTTCTCCATGGTCCCCAGCTAGGGGTCCGGCTC
TCAGCCCCCTCTCGGGCCCTCTGTGGGCCATCCTTGGCCAGTCCCCACCTCCTTGTAGGCCAGAG
CTATAGCACCTACAGCCCCGTGGACAGCCTGGAATTCAGGACCCCTACAGGCACCTGGAATTCACCTAC
AATCCCATGGACCCTCTGGACTACAAAGATCAGAGTGCCTGGAAGTTTCAGATCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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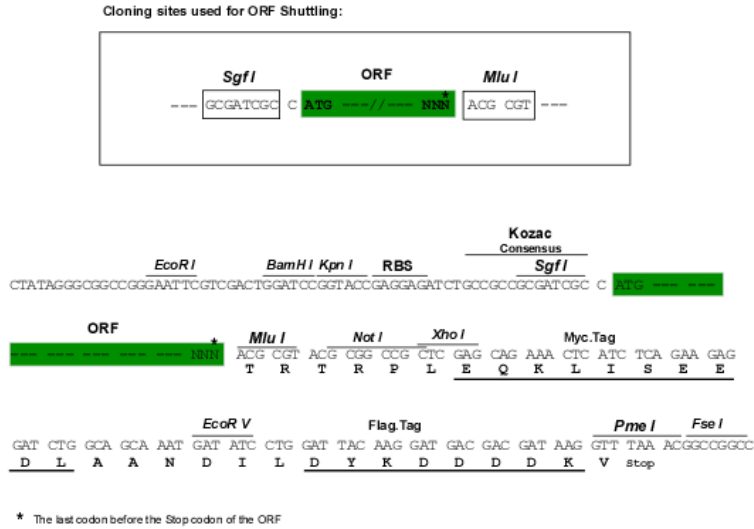
Protein Sequence: >RR201149 representing NM_021855
Red=Cloning site Green=Tags(s)

MMAVMNPGPHYSVNALALSGPSVDLMHQAVPYSSAPRKQRRERTTFFTRSQLLEELEALFAKTQYPDVYARE
 EVALKINLPESRVQVWFKNRRACKRQQRQQKQQQPPGVQAKARPAKRKAGTSPRPSTDVCTDPLGISD
 SYSPSLPGSPGSPPTTAVATVSIWSPASESPLPEAQRAGLVASGSSLTSAPYAMTYAPASAFCSPPSAYAS
 PSSYFSGLDPYLSPMVPQLGGPALSPLSGSPVGPSLAQSPSTLSGQSYSTYSVPVDSLEFKDPTGTWKFTY
 NPMDPLDYKQSAWKFAQIL

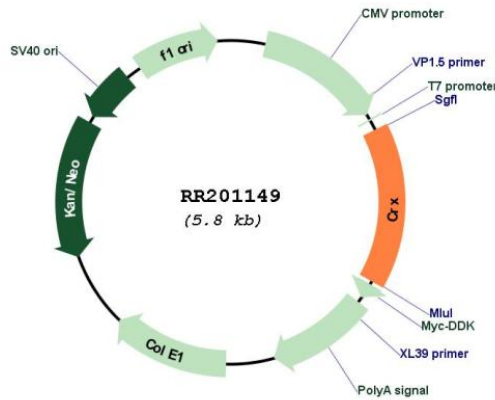
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_021855

ORF Size:	897 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_021855.1 , NP_068627.1
RefSeq Size:	900 bp
RefSeq ORF:	900 bp
Locus ID:	60446
Cytogenetics:	1q21
MW:	32.4 kDa
Gene Summary:	an OTX-like homeobox protein; may play an important role in the retina [RGD, Feb 2006]