

Product datasheet for **RR214133**

Crisp2 (NM_001011710) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crisp2 (NM_001011710) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Crisp2
Synonyms: Crisp2l; Tpx1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214133 representing NM_001011710
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTGGTTCCAGGTGATGCTGTTTGTCTTTGCTGTGCTGCTACCATTGCCACCCACAGAAGGAAAGG
ATCCGACTTCGCTACTTTGACAACCAACCAAACAAGTTCAAAGAGAGATCATAGCTAAACACAATGA
ACTGAGGAGACAAGTTAGCCCCCTGGCAGCAACATACTAAAAATGGAATGGAACGTACAAGCAGCAGCA
AATGCTCAAAAGTGGGCTAATAACTGTATTTAGAACACAGTAGTACAGAAGACCGGAAAATCAATATAA
AATGTGGCGAGAATCTCTATATGTCGACTGACCCTACATCCTGGGAAACCGTAATTCAAAGCTGGTATGA
AGAAAATGAAAACCTTCGTTTTCGGCGTAGGAGCTAAACCAATTCGCTGTCCGACACTACACTCAGCTT
GTTTGGTATTCATCTTTCAAAGTTGGATGTGGAGTTGCTTACTGTCCCAATCAAGATACCCTGAAATACT
TCTATGTTTGCCATTACTGTCTATGGTAACAACGTGATGAAAAAGAGTACCCCATATCATCAAGGGAC
ACCTTGTGCTAGTTGTCCAATAACTGTGATAATGGATTGTGCACCAATAGCTGTGATTTGAAGATTTA
CTTAGTAAGTGAATCCTTGAAGAGTTCAGCAGGCTGTAACATGAGTTGCTCAAGGCAAAGTGTGAGG
CTACTTGCCTATGTGAAGACAAAATTCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214133 representing NM_001011710
Red=Cloning site Green=Tags(s)

MAWFQVMLFVFAVLLPLPTEGKDPDFATLTTNQIQVQREIIAKHNELRRQVSPPGSNILKMEWNVQAAA
 NAQKWANNCILEHSSTEDRKINIKCGENLYMSTDPTSWRTVIQSWYEENENFVFGVGAKPNSAVGHYTL
 VWYSSFVKGCGVAYCPNQDTLKYFYVCHYCPMGNNVMKKSTPHYQGTPCASCNNCDNGLCTNSCDFEDL
 LSNCESLKSSAGCKHELLKAKCEATCLCEDKIH

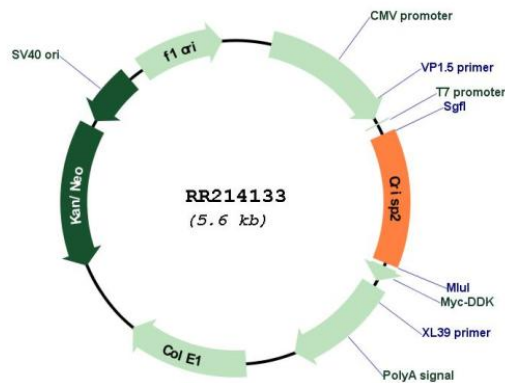
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011710
ORF Size: 729 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_001011710.2 , NP_001011710.1
RefSeq Size:	1440 bp
RefSeq ORF:	732 bp
Locus ID:	360445
Cytogenetics:	9q13
MW:	27.3 kDa
Gene Summary:	testicular cell adhesion molecule; mediates interaction between spermatogenic and Sertoli cells [RGD, Feb 2006]