

Product datasheet for **RC233638**

CRIP2 (NM_001270837) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRIP2 (NM_001270837) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CRIP2
Synonyms:	CRIP; CRP2; ESP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233638 representing NM_001270837 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCCTCACCATTCTGCCTTGGCTGGCACAGGTCCCAAGTGCAGAGGGGAGCTGGTCAGGCTGG
TCAGTCGGGCGGGGGGGCGGGGGCATGTTTCTGGCTGCTGTACCATGGAAATGGCAGTGGCTGCAGG
GTGTGTGTGAAGGGAGGAGGTGCTGCCACAGAGAGCCAGCCAGGACCACCATGAAAGCCAGGAGCAC
CGAGGGCCTCTGGTTGGCTCACAACATGCCTGGTGCACAGGCAGAGGGAACAGCCGAGAAGGTGAGCT
CCCTGGGAAGGACTGGCACAAGTTCTGCCTCAAGTGCAGCGCTGCAGCAAGACGCTGACGCCCCGGGG
CCACGCCGAGCATGACGGGAAGCCGTTCTGCCACAAGCCGTGCTACGCCACCCTGTTCCGACCCAAAGGC
GTGAACATCGGGGGCGCGGGCTCTACATCTACGAGAAGCCCCTGGCGGAGGGGCGCAGGTCACCGGCC
CCATCGAGGTCCCCGCGGCCGAGCAGAGGAGCGGAAGGCGAGCGGCCCGCCGAAGGGGCCAGCAGAGC
CTCCAGTGTACCACTTTACCGGGGAGCCCAACAGTGGCCGCGCTGCAGCAAGAAGGTGTAATTCGCT
GAGAAGGTGACGTCTCTGGCAAGGATTGGCACCGGCCCTGCCTGCGCTGCGAGCGCTGCGGGAAGACAC
TGACCCCCGGCGGGCAGCGGAGCAGACGGCCAGCCCTACTGCCACAAGCCCTGCTATGGAATCCTCTT
CGGACCCAAGGAGTGAACACCGGTGCGGTGGGACGTACATCTATGACCGGGACCCGAAGGCAAGGTC
CAGCCC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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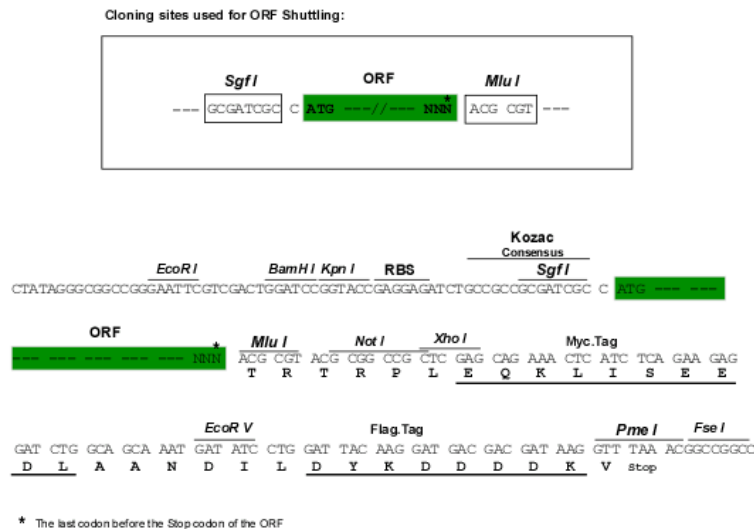
Protein Sequence: >RC233638 representing NM_001270837
Red=Cloning site Green=Tags(s)

MPPHLLPWLAAQVPSAEGELVRLVSRAGGRGACFWPAVTMEMAVAAGCVCKGGGCCHREPSQDHESQEH
RGPLVGSQTCLVHQAEGTAEKVSSLGKDWKFKCLKCERCSKLTTPGGHAHDGKPFCHKPCYATLFGPKG
VNIGGAGSYIYEKPLAEGPQVTGPIEVPAARAEERKASGPPKGPSRASSVTFTTGEPTCPRCSKKVYFA
EKVTSLGKDWHRPCLRCERCCKLTTPGGHAHDGQPYCHKPCYGILFGPKGVTNTGAVGSYIYDRDPEGKV
QP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001270837

ORF Size: 846 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001270837.2](#)

RefSeq Size: 1691 bp

RefSeq ORF: 849 bp

Locus ID: 1397

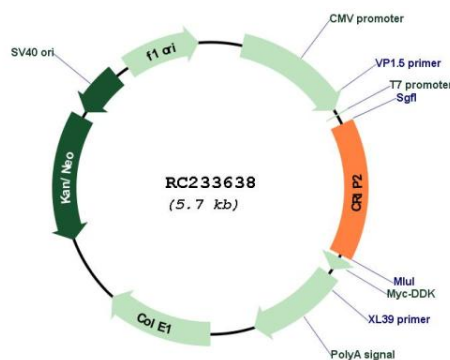
UniProt ID: [P52943](#)

Cytogenetics: 14q32.33

MW: 30.7 kDa

Gene Summary: This gene encodes a putative transcription factor with two LIM zinc-binding domains. The encoded protein may participate in the differentiation of smooth muscle tissue. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Product images:



Circular map for RC233638