

Product datasheet for **RG205938**

CRIP2 (NM_001312) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CRIP2 (NM_001312) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CRIP2
Synonyms: CRIP; CRP2; ESP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205938 representing NM_001312
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCCAATGCCCAAGTGCAGACAAGACCGTGTACTTCGCCGAGAAGGTGAGCTCCCTGGGAAGG
ACTGGCACAAGTTCTGCCTCAAGTGCAGAGCGCTGCAGCAAGACGCTGACGCCCGGGGCCACGCCGAGCA
TGACGGGAAGCCGTTCTGCCACAAGCCGTGCTACGCCACCCTGTCGGACCCAAAGCGTGAACATCGGG
GGCGGGGCTCCTACATCTACGAGAAGCCCTGGCGGAGGGGCCGAGGTACCGGCCCATCGAGGTCC
CCGCGGCCGAGCAGAGGAGCGGAAGGCGAGCGGCCCCCGAAGGGGCCAGCAGAGCCTCCAGTGTAC
CACTTTCACCGGGGAGCCCAACACGTGCCCGCGCTGCAGCAAGAAGGTGTACTTCGCTGAGAAGGTGACG
TCTCTGGCAAGGATTGGCACCGCCCTGCCTGCGCTGCGAGCGCTGCGGAAGACACTGACCCCGCGG
GGCACGCGGAGCAGCAGCGCCAGCCCTACTGCCACAAGCCCTGCTATGGAATCCTCTTCGGACCCAAAGG
AGTGAACACCGGTGCGGTGGCAGCTACATCTATGACCGGGACCCGAAGGCAAGGTCCAGCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205938 representing NM_001312
Red=Cloning site Green=Tags(s)

MASKCPKCDKTVYFAEKVSSLGKDWKFKCLKCERCSKTLTPGGHAHDGKPFCHKPCYATLFGPKGVNIG
GAGSYIYEKPLAEGPQVTGPIEVPAARAERKASGPPKGPSRASSVTTFTGEPNTPCRCSKKVYFAEKVT
SLGKDWHRPCLRCERCCKTLTPGGHAHDGQPYCHKPCYGILFGPKGVNTGAVGSYIYDRDPEGKVPQ

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



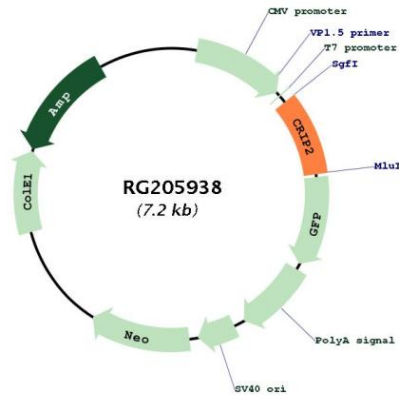
Cloning Scheme:


- ACCN:** NM_001312
- ORF Size:** 624 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.
- RefSeq:** [NM_001312.4](#)
- RefSeq Size:** 1236 bp
- RefSeq ORF:** 627 bp
- Locus ID:** 1397
- UniProt ID:** [P52943](#)
- Cytogenetics:** 14q32.33

Domains: LIM

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 RG205938