

Product datasheet for **SC119299**

CRIP2 (NM_001312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRIP2 (NM_001312) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRIP2
Synonyms:	CRIP; CRP2; ESP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119299 sequence for NM_001312 edited (data generated by NextGen Sequencing) ATGGCCTCCAAATGCCCCAAGTGCACAAAGACCGTGTACTTCGCCGAGAAGGTGAGCTCC CTGGGGAAGGACTGGCACAAGTTCTGCCTCAAGTGCGAGCGCTGCAGCAAGACGCTGACG CCCGGGGGCCACGCCGAGCATGACGGAAGCCGTTCTGCCACAAGCCGTGCTACGCCACC CTGTTTCGACCCAAAGGCGTGAACATCGGGGGCGCGGGCTCTACATCTACGAGAAGCCC CTGGCGGAGGGGCCGAGGTACCGGCCCATCGAGGTCCCCGCGGCCCGAGCAGAGGAG CGGAAGGCGAGCGGCCCGCCGAAGGGGCCAGCAGAGCCTCCAGTGTACCACTTTCACC GGGGAGCCCAACACGTGCCCGCTGCAGCAAGAAGGTGTACTTCGCTGAGAAGGTGACG TCTCTGGCAAGGATTGGCACCGGCCCTGCCTGCGCTGCGAGCGCTGCGGAAGACTG ACCCCCGGCGGGCACGCGGAGCAGACGGCCAGCCCTACTGCCACAAGCCCTGCTATGGA ATCCTCTTCGGACCCAAGGGAGTGAACACCGGTGCGGTGGGCAGCTACATCTATGACCGG GACCCCGAAGGCAAGGTCCAGCCCTAG

Clone variation with respect to NM_001312.2



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001312 unedited NCCCCCGGGGGNNNNCCCCNNNNNNNNNTTTTCTTCNNCNCNNNNNNNNCGTTCA GAATTTGTNATACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGNNGGCCGACCGG GCGCACCGNACCATGNGCCTCCAAATGCCCAAGTGCGACAAGACCGTGTACTTCGCCGA GAAGGTGAGCTCCCTGGGAAGGACTGGCACAAGTTCTGCCTCAAGTGCGAGCGCTGCAG CAAGACGCTTACGCCCCGGGGCCACGCCGAGCATGACGGGAAGCCGTTCTGCCACAAGCC GTGCTACGCCACCCTGTTTCGACCCAAAGGCGTGAACATCGGGGGCGGGGCTCCTACAT CTACNAGAAGCCCTGGCGGAGGGGCCGAGGTACCGGCCCATCGAGGTCCCCGCGGC CCGAGCAGAGGAGCGGAAGGCGAGCGGCCCCCCGAAGGGGCCAGCAGAGCCTCCAGTGT CACCACCTTACCAGGGAGCCCAACACGTGCCCGCGCTGCAGCAAGAAGGTGTACTTCGC TGAGAAGGTGACGTCTCTGGCAAGGATTGGCACCGGCCCTGCCTGCGCTGCGAGCGCTG CGGAAGACACTGACCCCGGGGACGCGGAGCAGCAGCGCCAGCCCTACTGCCACAA GCCCTGCTATGGAATCCTCTTCGACCCAAGGGAGTGAACACCGGTGCGGTGGGAGCTA CATCTATGACCGGACCCGAAGGACAGTCCAGCCCTAGGCTACAGCGGCTCTCATGATG TGGGCTCACCTGCGCCCCAGACCCTGCAGGNGCCCCCTGCTTGGCTCTGCTGGGAGAGT GCTCAGCCGCCAGTCTGCTGCTGCCAGCCAGGGCGAGTATTGGAGGAGGGGAGNCACG GGCAGAACACCATGCCCATCCCCGAGTCTCTGGTGTGTCTGGCCCTCTGGCATNCTCTG GGCGTCCCATGATCCCTTCTGTGTCTGCGTGTCCGAATN
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_001312 unedited GCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTGAATCCTCAAACCGTTTATTGACAG CACAAGGCTCAACAGCAGGTGAGCCACGTGAGGGTGGCGAGCGCTTGCAGGCAGTGTGG GCACCAGGCAGGGGATCCCGAGGGAAGCCCTCTGCCAGGGACATGGTGAGGGCGTGGCC ATCACCCACGAAGGGAGCATAAATAACACTGGCAGGTGGGTGGGAGCAGGAGAGGGAGA GCGGACAGCGCCACGGGACACGAGGGTCGGCGGGAATGCTGGGACAGGGTCACACG GGGATTCGGACACGCAGACACAGAAGGGATCATGGGACGCCCAGAGGATGCCAGAGGGGG CAGACACACCAGAGACTCGGGGATGGGCATGGTGTCTGCCCCTGGCTGCCCTCCTCCA ATACTCGCCCTGGGCTTGCGAGGAGGACTGGGCGGCTGAGCACTCTCCAGCAGAGCCAA GCAGGGGGGCCCTGCAGGGTCTGGGGCGCAGGTGAGCCACATCATGAGAGCCGCTGTA GCCTATGGCTGGACCTTGCTTCGGGGTCCCGGTATAGATGTAGCTGCCACCGCACCG GTGTTCACTCCCTTGGGTCCGAAGAGGATCCATAGCAAGCCTTGTGGCAGTAAGGCTGGC CGTCGTGCTCCCGTGGCCGAGGAGTCAAGTGTCTCCCGCAGCGCTCGCAACGCAAGCA AGGCCCCGTGCCAATCCTTTGCCAGAGACGTACCTTCTAGAAAGTACACCTTCTTGCTGC AGCGCGGGCAGCTGTTGGGCTTCCCGGTGAAGGTGTTGACACTGNAGCTCTGCTGGGCCC TTAGGGGGCCCGTTGCTTCCGCTCTTTGTTGCGCCGGGGGACTTAATGGGGCCGTGACCT TGGGCCCTCCGCCAGGGCTTTCGTAATGAGAGCCCGCCCCGAGTTACCACCTTGGTC CAAAAGGTGGCGAAACTCGTTGGGGAAGGTTCCCTCTCCCGGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_001312
Insert Size:	1240 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001312.2, NP_001303.1</u>
RefSeq Size:	1236 bp
RefSeq ORF:	627 bp
Locus ID:	1397
UniProt ID:	<u>P52943</u>
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] Transcript Variant: This variant (1) encodes isoform 1.