

Product datasheet for **SC320742**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001312.2

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GCTGGGCGCGGGCGGCGGCGGCCGAGGAGAACGGGCGGAGGGCGGGCCGACCGGGC
GCACCGACCATGGCCTCCAAATGCCCAAGTGCACAAAGACCGTGTACTTCGCCGAGAAG
GTGAGCTCCCTGGGAAGGACTGGCACAAGTTCTGCCTCAAGTGCAGCGCTGCAGCAAG
ACGCTGACGCCCCGGGGCCACGCGAGCATGACGGGAAGCCGTTCTGCCACAAGCCGTGC
TACGCCACCCTGTTCGGACCCAAAGGCGTGAACATCGGGGGCGCGGGCTCCTACATCTAC
GAGAAGCCCTGGCGGAGGGGCCGAGGTACCGGCCCATCGAGGTCCCGCGGGCCGGA
GCAGAGGAGCGGAAGGCGAGCGGGCCCCGAAGGGGCCAGCAGAGCCTCCAGTGTACCC
ACTTTCACCGGGAGCCCAACACGTGCCCGCGCTGCAGCAAGAAGGTGTACTTCGCTGAG
AAGGTGACGTCTCTGGCAAGGATTGGCACCGGCCCTGCCTGCGCTGCGAGCGCTGCGGG
AAGACACTGACCCCGGGCGGGCACGCGAGCACGAGCCAGCCCTACTGCCACAAGCCC
TGCTATGGAATCCTCTTCGGACCCAAGGAGTGAACACCGGTGCGGTGGGCAGCTACATC
TATGACCGGGACCCGAAGGCAAGGTCCAGCCCTAGGCTACAGCGGCTCTCATGATGTGG
GCTCACCTGCGCCCCAGACCCCTGCAGGGGCCCCCTGCTTGGCTCTGCTGGGAGAGTGCT
CAGCCGCCAGTCTGCTGCAAGCCAGGGCGAGTATTGGAGGAGGGGCGAGCCACGGGC
AGAGCACCATGCCATCCCCGAGTCTCTGGTGTGTCTGCCCCCTCTGGCATCCTCTGGGC
GTCCCATGATCCCTTCTGTGTCTGCGTGTCCGAATCCCGTGTGACCCCTGTCCAGCATT
TTCCCCCGGACCCCTGCGTGTCCCGTGGCGCTGTCCGCTCTCCCTCTCCTGCTGCCACC
CACCTGCCAGTGTATTTATGCTCCCTTCGTGGGTGATGGCCAGCCCTACCATGTCCC
TGGCAGAGGGCTTCCCTCCGGGATCCCCCTGCCTGGTGCCCACTGCCTCGCAAGCGCTC
GCCACCCCTCACGTGGCTCACCTGCTGTTGAGCCTTGTGCTGTCAATAACGGTTTGAGGA
TTGCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	Please inquire
ACCN:	NM_001312



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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</u> , <u>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.