

Product datasheet for **SC119303**

CSRP2 (NM_001321) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP2 (NM_001321) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSRP2
Synonyms:	CRP2; LMO5; SmLIM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119303 sequence for NM_001321 edited (data generated by NextGen Sequencing)

```
ATGCCTGTCTGGGGAGGTGGAAACAAGTGTGGGCCTGTGGGAGGACCGTGTACCACGCA
GAAGAGGTGCAGTGTGATGGCAGGAGCTTCCACCGCTGCTGCTTTCTCTGCATGTTTGC
AGGAAAAATTTAGATAGCACAAACAGTGGCAATTCACGATGAAGAGATCTACTGCAAATCC
TGCTACGGAAAGAAGTATGGGCCAAAAGGCTACGGTTATGGCCAGGGCGCTGGCACGCTT
AACATGGACCGTGGCGAGAGGCTGGGCATCAAACCAGAGAGTGTTCAGCCTCACAGGCCT
ACAACAAATCCAAACACTTCTAAATTTGCTCAGAAATATGGAGGTGCTGAGAAGTGTTC
AGATGTGGGGATTCTGTATATGCTGCCGAGAAGATAATTGGAGCTGGAAAGCCCTGGCAC
AAAACTGTTTCCGATGTCAAAGTGTGGGAAGAGTCTTGAATCAACAACTCTGACTGAA
AAAGAAGGTGAAATCTATTGTAAGGATGCTATGCAAAGAAGTGGGCCCAAGGGATTT
GGCTATGGCCAAGGAGCAGGGGCTCTTGTTCATGCCAGTAA
```

Clone variation with respect to NM_001321.1



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001321 unedited</p> <pre>GTTCAAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGGATCTCGGA CTCCCTGGACCCTCCCTCCAGCCCAGCCTCGCTAGCTCCGCTGCGGTACGTGCTCCCGC CTCCGACTCAAAATGCCTGTCTGGGGAGGTGAAACAAGTGTGGGGCCTGTGGGAGGACC GTGTACCACGCAGAAGAGGTGCAGTGTGATGGCAGGAGCTTCCACCGTGTCTGCTTTCTC TGCATGGTTTGCAGGAAAAATTTAGATAGCACAAACAGTGGCAATTCACGATGAAGAGATC TACTGCAATCCTGTCTACGGAAAGAAGTATGGGCCAAAAGGCTACGGTTATGGCCAGGGC GCTGGCACGCTTAACATGGACCGTGGCGAGAGGCTGGGCATCAAACCAGAGAGTGTTCAG CCTCACAGGCCTACAACAAATCCAACACTTCTAAATTTGCTCAGAAATATGGAGGTGCT GAGAAGTGTTCAGATGTGGGATTCTGTATATGCTGCCGAGAAGATAATTGGAGCTGGA AAGCCCTGGCACAAAAGTGTTCAGATGTGCAAAGTGTGGGAAGAGTCTTGAATCAACA ACTCTGACTGAAAAAGAAGGTGAAATCTATTGTAAGGATGCTATGCAAAGAACTTTGGG CCCAAGGATTTGGCTATGGCCAAGGAGCAGGGGCTCTTGTTCATGCCAGTAAGATGTA NACCCTGAACTAAACATCACACTGAGAATCTTTCATAAATCTAGCACAGATAATCTT TTAACACTAAACTACTNGTGAATTTCTACCAGCCATTAAGTACTGTATATCGCCCTGTAC TTGGATTAGCTGNCTAACTCGNTAGAAGAGAGCACTGTATGGNATCCTTTTGCTTTATTC ACCACATTTTGGGGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001321 unedited</p> <pre>GACCGCGCGCCGCTACTANAGTCGAGTTTTTTTTTTTTTTTTTTTCAAGCTGAAGTTTTA TTTTAAATGTAAGAAATGTTCCCCAAAATGCTGGTGAATAAAGCAAAGGATACCAT ACAGTGTCTCTTCTACGAGTTAGCCAGCCTATCCAAGTACAGGGCGATATACAGTACT TAATGCTGGTAGAATTTACAGTAGTTTAGTGTTAAAGATTATCTGTGCCTAGATTATGA AGAGATTCCTCAGTGTGTGATGTTTAGTTAGGGTTTACATCTTACTGGGCATGAACAAGA GCCCTGTCTCTTGGCCATAGCCAAATCCCTTGGGCCAAAGTTCTTTGCATAGCATCCT TTACAATAGATTTACCTTCTTTTTCAGTCAGAGTTGTTGATTCAAGACTCTTCCACAC TTTGCACATCGGAAACAGTTTTTGTGCCAGGGCTTCCAGCTCCAATTATCTTCTCGGCA GCATATACAGAATCCCCACATCTGGAACACTTCTCAGCACCTCCATATTTCTGAGCAAAT TTAGAAGTGTTTGGATTTGTTGTAGGCCTGTGAGGCTGAACACTCTCTGGTTTGATGCC AGCCTCTCGCCACGGTCCATGTTAAGCGTGCCAGCGCCCTGGCCATAACCGTAGCCTTTT GGCCATACTTCTTTCCGTAGCAGGATTTGCAGTAGATCTTTCATCGTGAATTGCCACT GGTGGGCTATCAAAATTTCCCTGCAACCATGCCGAGAAACAGCAGCGGTGGAAGCTTCT GCCATTACACTGCACCTTCTCTGCTGGTACACAGTCCTTCCACAGGCCCAACCATTGTTTC CACCTTCCAACAAGCATTTTGAGTCGAGGCGGGAGCCCTACCCAAGCGGACTACCAGGC TGGCCTGAGGAAGGTCCAGGN</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_001321
Insert Size:	900 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: [NM_001321.1](#), [NP_001312.1](#)

RefSeq Size: 901 bp

RefSeq ORF: 582 bp

Locus ID: 1466

UniProt ID: [Q16527](#)

Cytogenetics: 12q21.2

Domains: LIM

Gene Summary: CSRP2 is a member of the CSRP family of genes, encoding a group of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. CRP2 contains two copies of the cysteine-rich amino acid sequence motif (LIM) with putative zinc-binding activity, and may be involved in regulating ordered cell growth. Other genes in the family include CSRP1 and CSRP3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.