

## Product datasheet for **SC117579**

### CSRP1 (NM\_004078) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP1 (NM_004078) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSRP1
Synonyms:	CRP; CRP1; CSRP; CYRP; D1S181E; HEL-141; HEL-S-286
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM\_004078 edited  
ATGCCGAAGTGGGGAGGAGGCAAGAAATGTGGGGTGTGTCAGAAGACGGTTTACTTTGCC  
GAAGAGGTTTCAGTGCGAAGGCAACAGCTTCCATAAATCCTGCTTCTGTGCATGGTCTGC  
AAGAAGAATCTGGACAGTACCACTGTGGCCGTGCATGGTGAGGAGATTTACTGCAAGTCC  
TGCTACGGCAAGAAGTATGGGCCAAAGGCTATGGCTACGGGCAGGGCGCAGGCACCCCTC  
AGCACTGACAAGGGGAGTCGCTGGGTATCAAGCACGAGGAAGCCCTGGCCACAGGCC  
ACCACCAACCCCAATGCATCCAAATTTGCCAGAAGATTGGTGGCTCCGAGCGCTGCCCC  
CGATGCAGCCAGGCAGTCTATGCTGCGGAGAAGGTGATTGGTGTGGGAAGTCTGGCAT  
AAGGCCTGCTTTCGATGTGCCAAGTGTGGCAAAGGCCTTGAGTCAACCACCCTGGCAGAC  
AAGGATGGCGAGATTTACTGCAAAGGATGTTATGCTAAAAACTTCGGGCCAAGGGCTTT  
GGTTTTGGCAAGGAGCTGGGGCCTTGGTCCACTCTGAGTGA



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_004078 unedited</p> <pre>TCAGAATTTTGTAAACGAACTCACTATAGGGCGGCCGCGATTTCGGCACGAGGCGAGAGC GCCTGCCGCCCTGCGCCGCCGAGCCAGCTGCCAGAATGCCGAAGTGGGGAGGAGCAAG AAATGTGGGGTGTGTGAGAACGCGTTTACTTTGCCGAAGAGGTTTCAGTGCAGGCAAC AGCTTCCATAAATCCTGCTTCTGTGCATGGTCTGCAAGAAGAATCTGGACAGTACCCT GTGGCCGTGCATGGTGTGAGGAGATTTACTGCAAGTCTGCTACGGCAAGAAGTATGGGCC AAAGCTATGGCTACGGGCAGGGCCAGGCACCCTCAGCACTGACAAGGGGGAGTCGCTG GGTATCAAGCACGAGGAAGCCCTGGCCACAGGCCACCACCAACCCCAATGCATCCAAA TTTGCCAGAAAGATTGGTGGCTCCGAGCGCTGCCCCGATGCAGCCAGGCAGTCTATGCT GCGGAGAAGGTGATTGGTGTGGAAAGTCTGGCATAAAGGCTGCTTTCGATGTGCCAAG TGTGGCAAAGGCCTTGTGCAACCACCCTGGCAGACAAGGATGGCGAGATTTACTGCAA GGATGTTATGCTAAAACTTCGGGCCAAAGGGCCTTTGGTTTTGGCAAGGAGCTGGGGC CTTGGTCCACTCTGAGTGAGGCCACCATCACCCACCACACCTGCCCACTCTGCGCTNT TCATCGCCATTCCATTCCAGCAGCTTGGNAGACCTCCAGGATTATTTCTCTGCAGCCC TGCCCATATACTAATGACTTGAAGTGGCATCTGCTCCTTTGTTTNGGGGGCTGCCTGAG GTCCACCCACTAAGGNCTCCAGCCCTGGATCTGACACATCACAGTAGAGACCTCATGTT TNGGTCTAGTNAAAACAGCCCTTTCCCAACCTGCCCC</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_004078 unedited</p> <pre>AGCTATGGACCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGTCTAAA CAGCTTTATTGACCAGATGAGAAATCAGCTTGGGTACAGCCCATGCCTGCAGCCCTTCA GTGGGTGGCTCCAGATAGTGTTCCTTTTCAGTTGCTGGGAGCGGTGAGGCCAGCCCTT TCCCTTCTCCACCCTATTCTAACCTGGGGCCTGGCAGGGTGGAGTGATGTGATC TAAGGGTCCCTGGAGAAGGGTGGAGTGAAGAGGCAGGGTCTGGGTTAAAGGGAAGATT CTGAGGTCTCAGGGCAAAGGGAAAGGTGTTTGGATGAAGACTGAGGCAGTGCCTACCTCC CTCCACATCTGAGGATCAAGCAGGTGTGGCAAGAACAGAGCCCTGGCCTGGGCTCTGCTG GCCGCAGCCTCAGGAGCCAGGGTTAAGGCCAGAGATAAATGAAGATTTGAGCCATTGATA AATGCCAATATATGTTTCAGGTATTTTCATTAGGATCCTCCCATCAAGCAGGGAAGTAGAT GTTTGAGAAGATCAAACAACATCCTGACTTTGGGGTCTTAAGACCTGGGTTATTCTCTC CCAGTCTAGTGGGAGGCTATCCATTCACAAAGACTCAAAGGCAAGAGGCCTGGAGAA CCAGGGGCTCCTAGGACCCCGCCTGCATGCCTCTGCTTCAATAGTGACCTCCTAAGC TGGGACTCCTCAGGCTTACTCTGAGGGACACCAGNAAGCTCAACCTCTTTCCCCAGAGG AGATCTCTGAGATCCAAAAAACCAGGCTTCCCCCTCCTCATCTGGNNCTGCTTCCCT CTCCCTCCAGCCCTGTGCTGCTCCTCTGGGTGCCAGATGTGCCTCAGGTGTCTTGTC AGCTGATGAGGACCCAGCCAGAAGCTANAACGGACTCTGCGCCAAGTGTGGGAGAGG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004078
<b>Insert Size:</b>	1840 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_004078.1](#), [NP\\_004069.1](#)

**RefSeq Size:** 1817 bp

**RefSeq ORF:** 582 bp

**Locus ID:** 1465

**UniProt ID:** [P21291](#)

**Cytogenetics:** 1q32.1

**Domains:** LIM

**Gene Summary:** This gene encodes a member of the cysteine-rich protein (CSRP) family. This gene family includes a group of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. The LIM/double zinc-finger motif found in this gene product occurs in proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2010]  
Transcript Variant: This variant (1) encodes the longer protein (isoform 1). Variants 1, 4 and 5 encode the same isoform (1).