

## Product datasheet for **SC322165**

### 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:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322165  
GCCAGCCTCGTAGCTCCGCTGCGGTACGTGCTCCCGCTCCGACTCAAATGCCTGT  
CTGGGGAGGTGGAAACAAGTGTGGGGCCTGTGGGAGGACCGTGTACCACGCAGAAGAGGT  
GCAGTGTGATGGCAGGAGCTTCCACCGCTGCTGCTTTCTCTGCATGGTTTGCAGGAAAA  
TTTAGATAGCACAAACAGTGGCAATTCACGATGAAGAGATCTACTGCAAATCCTGCTACGG  
AAAGAAGTATGGGCCAAAAGGCTACGGTTATGGCCAGGGCGCTGGCAGCTTAACATGGA  
CCGTGGCGAGAGGCTGGGCATCAAACCAGAGAGTGTTCAGCCTCACAGGCCTACAACAA  
TCCAAACACTTCTAAATTTGCTCAGAAATATGGAGGTGCTGAGAAGTGTCCAGATGTGG  
GGATTCTGTATATGCTGCCGAGAAGATAATTGGAGCTGGAAAGCCCTGGCACAAAACCTG  
TTTCCGATGTGCAAAGTGTGGGAAGAGTCTTGAATCAACAACCTGACTGAAAAAGAAGG  
TGAATCTATTGTAAGGATGCTATGCAAAGAACTTTGGGCCAAGGGATTTGGCTATGG  
CCAAGGAGCAGGGCTCTTGTTTCATGCCAGTAAGATGTAACCCCTGAACTAAACATCAC  
ACACTGAGAATCTCTTCATAATCTAGGCACAGATAATCTTTAACACTAACTACTGTGAA  
ATTCTACCAGCATTAAAGTACTGTATATCGCCCTGTAATTGGATAGGCTGGCTAACTCGTA  
GGAAGAGAGCACTGTATGGTATCCTTTTGTCTTTATTCACCAGCATTTTGGGGAACATTT  
CTTTTACATTTTAAATAAACTTCAGCTTGAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001321

**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).



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|-------------------------------|--|
| <b>OTI Annotation:</b>        | 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.   |
| <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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>  |
| <b>RefSeq:</b>                | <u><a href="#">NM_001321.1</a></u> , <u><a href="#">NP_001312.1</a></u>  |
| <b>RefSeq Size:</b>           | 901 bp   |
| <b>RefSeq ORF:</b>            | 582 bp   |
| <b>Locus ID:</b>              | 1466   |
| <b>UniProt ID:</b>            | <u><a href="#">Q16527</a></u>  |
| <b>Cytogenetics:</b>          | 12q21.2  |
| <b>Domains:</b>               | LIM  |
| <b>Gene Summary:</b>          | <p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p> |