

Product datasheet for **SC322883**

CSRP3 (NM_001127656) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CSRP3 (NM_001127656) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CSRP3 |
| Synonyms: | CLP; CMD1M; CMH12; CRP3; LMO4; MLP |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC322883 representing NM_001127656. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCAACTGGGGCGGAGGCGCAAAATGTGGAGCCTGTGAAAAGACCGTCTACCATGCAGAAGAAATC
CAGTGCAATGGAAGGAGTTCCACAAGACGTGTTTCCACTGCATGGCCTGCAGGAAGGCTCTTGACAGC
ACGACAGTCGCGGCTCATGAGTCGGAGATCTACTGCAAGGTGTGCTATGGGCGCAGATATGGCCCCAAA
GGGATCGGGTATGGACAAGGCGCTGGCTGTCTCAGCACAGACACGGGCGAGCATCTCGGCCTGCAGTTC
CAACAGTCCCCAAAGCCGGCAGCTCAGTTACCACCAGCAACCCTTCAAATTCAGTGCAGGTTTGGGA
GAGTCCGAGAAGTGCCCTCGATGTGGCAAGTCAGTCTATGCTGCTGAGAAGGTTATGGGAGGTGGCAAG
CCTTGGCACAAGACCTGTTTCCGCTGTGCCATCTGTGGGAAGAGTCTGGAGTCCACAAATGCACTGAC
AAAGATGGGGAACTTTATTGCAAAGTTTGTATGCCAAAAATTTTGGCCCCACGGGTATTGGGTTTGGGA
GGCCTTACACAACAAGTGAAAAAGAAAGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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| Restriction Sites: | Sgfl-MluI |
| Plasmid Map: | <input type="checkbox"/> |
| ACCN: | NM_001127656 |
| Insert Size: | 585 bp |



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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: | <ol style="list-style-type: none">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_001127656.1</u> |
| RefSeq Size: | 1286 bp |
| RefSeq ORF: | 585 bp |
| Locus ID: | 8048 |
| Cytogenetics: | 11p15.1 |
| MW: | 21 kDa |
| Gene Summary: | <p>This gene encodes a member of the CSRP family 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 protein is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Mutations in this gene are thought to cause heritable forms of hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM) in humans. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) contains an alternatively spliced and an additional 5' non-coding exon, therefore, has a different 5' UTR compared to variant 1. Transcript variants 1 and 2 encode the same protein.</p> |