

Product datasheet for **SC334355**

CSRP2 (NM_001300965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP2 (NM_001300965) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSRP2
Synonyms:	CRP2; LMO5; SmLIM
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300965, the custom clone sequence may differ by one or more nucleotides

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ATGCCTGTCTGGGGAGGTGGAACAAGTGTGGGCCTGTGGGAGGACCGTGTACCACGCAGAAGAGGTGC
AGTGTGATGGCAGGAGCTTCCACCGCTGCTGCTTTCTCTGCATGGTTTGCAGGAAAAATTTAGATAGCAC
AACAGTGGCAATTCAGATGAAGAGATCTACTGCAAATCTGCTACGAAAGAAGTATGGGCCAAAAGGC
TACGGTTATGGCCAGGGCGCTGGCACGCTTAACATGGACCGTGGCGAGAGGCTGGGCATCAAACCAGAGA
GTGTTTCAGCCTCACAGGCCTACAACAAATCCAACACTTCTAAATTTGCTCAGAAATATGGAGGTGCTGA
GAAGTGTTCAGATGTGGGGATTCTGTATATGCTGCCGAGAAGATAATTGGAGCTGGAAAGCCCTGGCAC
AAAAACTGTTTCCGATGTCAAAGTGTGGGAAGAGTCTTGAATCAACAACTCTGACTGAAAAAGAAGGTG
AAATCTATTGTAAGGATGCTATGCAAAGAACTTTGGGCCCAAGGGATTTGGCTATGGCCAAGGAGCAGG
GGCTCTTGTTTCATGCCAGTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300965
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).



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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_001300965.1](#), [NP_001287894.1](#)

RefSeq Size: 915 bp

RefSeq ORF: 582 bp

Locus ID: 1466

UniProt ID: [Q16527](#)

Cytogenetics: 12q21.2

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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.