

## Product datasheet for **RG236461**

### CSRP2 (NM\_001300965) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CSRP2 (NM\_001300965) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CSRP2  
**Synonyms:** CRP2; LMO5; SmLIM  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236461 representing NM\_001300965.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCCTGTCTGGGGAGGTGGAACAAGTGTGGGCCTGTGGGAGGACCGTGTACCACGCAGAAGAGGTG
CAGTGTGATGGCAGGAGCTTCCACCGCTGCTGCTTTCTCTGCATGGTTTGCAGGAAAAATTTAGATAGC
ACAACAGTGGCAATTCACGATGAAGAGATCTACTGCAATCCTGCTACGAAAGAAGTATGGGCCAAAA
GGCTACGGTTATGGCCAGGGCGCTGGCACGCTTAACATGGACCGTGGCGAGAGGCTGGGCATCAAACCA
GAGAGTGTTCAGCCTCACAGGCCTACAACAAATCAAACACTTCTAAATTTGCTCAGAAAATATGGAGGT
GCTGAGAAAGTGTCCAGATGTGGGATTCTGTATATGCTGCCGAGAAGATAATTGGAGCTGAAAAGCCC
TGGCACAAAAACTGTTTCCGATGTGCAAAGTGTGGGAAGAGTCTTGAATCAAACTCTGACTGAAAAA
GAAGGTGAAATCTATTGTAAGGATGCTATGCAAAGAAGTTTGGGCCCAAGGGATTTGGCTATGGCCAA
GGAGCAGGGGCTCTTGTTTCATGCCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236461  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MPVWGGNKGACGRVYHAEVQCDGRSFHRCCFLCMVCRKNLDSTTVAIHDEEYCKSCYKKGYPK
GYGYGQAGTLNMDRGERLGIKPEVQPHRPTTNPNTSKFAQKYGGAEKCSRCSGDSVYAAEKIIGAGKP
WHKNCFRCAKCGKSLESTL TEKEGEIYCKGKYAKNFGPKGFGYGGAGALVHAQ
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSPGYENPFLHAINNGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLSRDGGYSSVVDSDHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

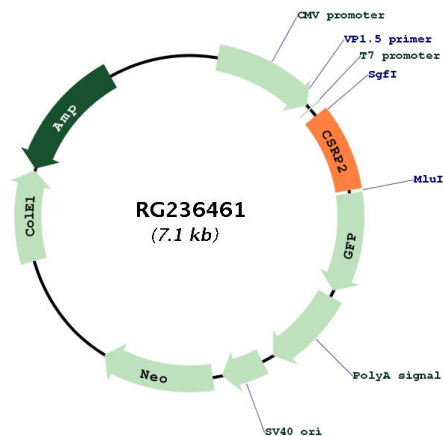
**Restriction Sites:** SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM\_001300965

ORF Size: 579 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM\\_001300965.2](#)

RefSeq Size: 915 bp

RefSeq ORF: 582 bp

Locus ID: 1466

UniProt ID: [Q16527](#)

Cytogenetics: 12q21.2

MW: 21 kDa

**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]