

Product datasheet for **RR203763**

Csrp1 (NM_017148) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csrp1 (NM_017148) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Csrp1
Synonyms: Csrp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203763 representing NM_017148
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCAACTGGGGAGGAGGCAAGAAATGCGGGGTGTGCCAGAAGACAGTCTACTTTGCTGAGGAGGTCC
 AGTGCAGGGCAACAGCTTCCACAAATCCTGCTCCTGTGCATGGTTTGAAGAAGAATCTGGACAGCAC
 CACTGTGGCAGTGCATGGAGAAGAGATCTATTGCAAGTCATGTTATGGCAAGAAGTATGGACAAAAGGC
 TACGGCTACGGGAGGGTGCAGGCACGCTGAGCATGGACAAGGGGGAGTCTCTGGGCATCAAGCATGAGG
 AAGCCCCGACACAGGCTACCAACCAACCCCAATGCATCCAAGTTTGTCTCAGAAGATCGCGGCTCTGA
 GCGCTGTCCGCGATGCAGCCAGGCAAGTCTATGCAGCGGAGAAGGTGATCGGTGCCGGAAGTCTGGCAT
 AAGTCCTGCTCCGATGTGCCAAATGTGGCAAAGGCTCGAGTCGACCACCCTGGCAGACAAGGATGGTG
 AGATCTATTGCAAAGGATGCTATGCCAAAACCTTTGGGCCAAAGGTTTGGCTTTGGACAAGGAGCTGG
 CGCCTTGGTCCATTCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR203763 representing NM_017148
 Red=Cloning site Green=Tags(s)

MPNWGGGKKCGVCQKTVYFAEEVQCEGNSFHKSCFLCMVCKKNLDSTTVAVHGEEIYCKSCYGGKYGPKG
 YGYGQAGTLSMDKGESLGIKHEEAPGHRPTTNPNAKFAQKIGGSERCPRCSQAVYAAEKVIGAGKSWH
 KSCFRCAKCGKLESTTLADKDGEIYCKGKYAKNFGPKGFGGQAGALVHSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

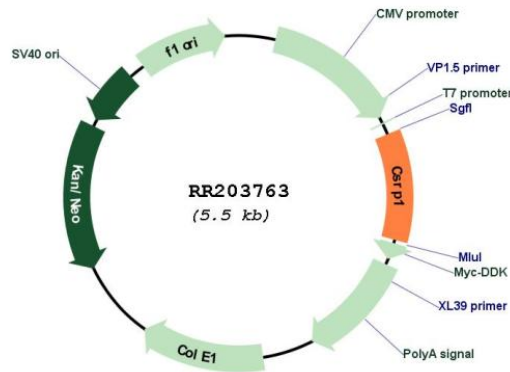


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Cloning Scheme:



Plasmid Map:



ACCN: NM_017148

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).

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_017148.2](#), [NP_058844.1](#)

RefSeq Size: 1720 bp

RefSeq ORF: 582 bp

Locus ID: 29276

UniProt ID: [P47875](#)

Cytogenetics: 13q13

MW: 20.6 kDa

Gene Summary: cysteine rich protein that has homology to the delta opioid receptor; may play a role in neuronal development [RGD, Feb 2006]