

Product datasheet for MR201864

Csrp2 (NM_007792) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csrp2 (NM_007792) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Csrp2
Synonyms: AW551867; Crp2; SmLim
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201864 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGTCTGGGGCGGTGAAATAAGTGCGGGCTGCGGGAGAACCCTGTACCACGGGAAGAGGTGC
 AGTGGCATGGGCGGAGCTTCCATCGCTGCTGCTCCTGTGCATGGTTGCAGGAAAAATTTAGACAGCAC
 AACAGTGGCGATTCATGATGAAGAGATCTACTGCAATCTGCTACGAAAGAAGTATGGACCAAAAGGC
 TATGGTTATGGCAGGGCGCTGGCACGCTCAACATGGACCGGGTGGAGACTGGGCATCAAGCCAGAGA
 GTGCTCAACCTCACAGGCTACGACAAATCCAAACACTTCTAAATTTGCCAGAAATATGGAGGAGCTGA
 GAAGTGTCCAGGTGTGGGGATTCCGTGTATGCTGCGGAGAAGATCATTGGAGCTGGGAAGCCCTGGCAC
 AAAAAGTGTTCGGTGTGCAAGTGTGGGAAGAGTCTGGAGTCTACAACTCTGACTGAGAAAGAAGGCG
 AAATCTACTGTAAGGTTGCTACGCAAAGAACTTTGGGCCAAGGGATTTGGCTATGGTCAAGGGGCGAG
 GGCCCTTGTTTCATGCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201864 protein sequence
 Red=Cloning site Green=Tags(s)

MPVWGGGNKCGACGRTVYHAEVQCDGRSFHRCCFLCMVCRKNLDSTTVAIHDEEYCKSCYGKKGPKG
 YGYGQAGTLNMDRGERLGIKPEQAQPHRPTTNPNTSKFAQKYGGAEKCSRCGDSVYAAEKIIGAGKPWH
 KNCFRCAKCGKSLESTTLTEKEGEIYCKGKYAKNFGPKGFGYGGAGALVHAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007792

ORF Size: 582 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_007792.4](#)

RefSeq Size: 889 bp

RefSeq ORF: 582 bp

Locus ID: 13008

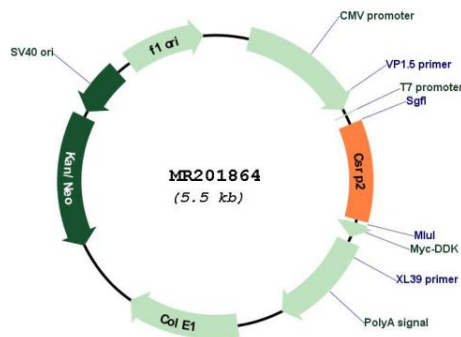
UniProt ID: [P97314](#)

Cytogenetics: 10 D1

MW: 20.9 kDa

Gene Summary: Drastically down-regulated in response to PDGF-BB or cell injury, that promote smooth muscle cell proliferation and dedifferentiation. Seems to play a role in the development of the embryonic vascular system (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201864