

Product datasheet for MR201142

Csdc2 (NM_145473) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csdc2 (NM_145473) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Csdc2
Synonyms: AI415250; AI481750; Pippin
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201142 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACATCAGAGTCTACATCACCGCCAGTGGTCCACCCCTCCACTCCCCAAATCCCCGTCTGGCCCA
 CGTTCCCCTTCCACAGGGAGGGCAGTAGGATCTGGGAACGTGGTGGTGGCATTGCTCCTCGGGACCTGCC
 CAGCCCTCTGCCTACCAAGCGGACCAGGACATACTCAGCGACAGCTCGAGCCTCGGCCGGCCCCGTGTTCC
 AAGGGCGTCTGTAAGCAGTTCTCCCGCTCCAGGGCCACGGCTTCATCACGCCTGAGAATGGCTCCGAGG
 ACATCTTCGTGCATGTTTCTGACATCGAGGGGGAGTACGTGCCTGTGGAAGGAGACGAGGTGACCTACAA
 GATTTGTCCCATCCCCCAAGAACCAGAAGTTTCAGGCTGTGGAGGTGGTGTCTACCCAGTTGGCTCCC
 CACACCCCCACGAGACATGGTCTGGCCAGGTTGTGGGATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201142 protein sequence
 Red=Cloning site Green=Tags(s)

MTSESTSPVVPPLHSPKSPVWPTFPFHREGSRIWERGGGIAPRDLPSPLPTKRTRTYSATARASAGPVF
 KGVCKQFSRSQGHGFI TPENGSIEDIFVHVSDIEGEYVPVEGDEVTYKICPIPPKNQKQAVEVVLTLAP
 HTPHETWSGQVVG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_145473

ORF Size: 465 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_145473.2](#)

RefSeq Size: 2507 bp

RefSeq ORF: 465 bp

Locus ID: 105859

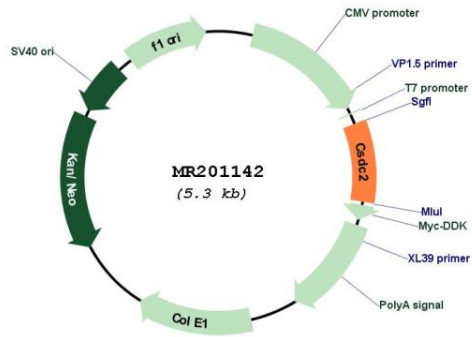
UniProt ID: [Q91YQ3](#)

Cytogenetics: 15 E1

MW: 16.8 kDa

Gene Summary: RNA-binding factor which binds specifically to the very 3' UTR ends of both histone H1 and H3.3 mRNAs, encompassing the polyadenylation signal. Might play a central role in the negative regulation of histone variant synthesis in the developing brain (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201142