

Product datasheet for **MR210719**

Csde1 (NM_144901) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csde1 (NM_144901) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csde1
Synonyms:	AA960392; BC016898; D3Jfr1; mKIAA0885; unr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210719 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**ATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACACAATGGGTACCCCAATGGTACTTCAGCAGCAC
TTCGTGAAACTGGGGTTATTGAAAACTCTTGACCTTTACGGATTCATTCAGTGTTCAGAACGGCAAGC
TAGACTTTTTCTTCCACTGTTTACAAATATAATGGCAACCTCCAAGACTTAAAAGTAGGAGATGATGTTGAA
TTTGAAGTATCATCTGACCGGAGGACTGGGAAACCTATTGCTATTAATTTGGTGAAGATAAAACCAGAAA
TACATCCTGAAGAACGAATGAACGGACAAGTTGTGTGCGCTGTTCCCTCACAACCTAGAGAGTAAATCTCC
AGCTGCCCGGGTCAGAGTCCAACAGGGAGTGTATGCTACGAACGTAATGGGGAAGTATTTTATCTGACT
TACACCTCTGAAGATGTGGAAGGAATGTTGAGCTGAAACTGGAGATAAAATTAACCTTTGTAATTGATA
ACAATAAACACACTGGTGTCTGAAGTGTCTGTAATATTATGCTGTTGAAAAAGAAGCAGGCTCGCTGTCA
AGGAGTAGTTTGTCCATGAAGGAGGCGTTTGGCTTTATCGAAAGAGGTGATGTTGTAAGAGATATTC
TTTCACTATAGTGAATTTAAAGGTGACCTAGAAACCCTACAGCCTGGAGATGACGTGGAATTCACAAATCA
AGGACAGAAATGGTAAAGAAGTTGCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGA
TATCAGCATTGAACATTTTGAAGGAAGTGAACCAAAGTTATCCCAAAGTACCCAGTAAAAACCAGAAT
GACCCATTGCCAGGACGAATCAAAGTTGACTTTGTGATTCCCTAAAGAAGTCCCTTTGGAGACAAAGACA
CAAAATCCAAAGTGACCTGTGGAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCGACGTGACAA
ATTGGAACGAGCAACCAACATAGAGGTTCTATCAAATACATTTCAAGTTCCTAAATGAAGCCAGAGAGATG
GGTGTGATTGCTGCCATGAGAGATGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGCTCGTATGTTCT
TCCACTTCAGTGAGATTCTAGATGGGAACCAGCTCCACATTGCAGATGAAGTAGAGTTTACTGTGGTTCC
TGATATGCTCTCTGCCCAAAGAAATCATGCTATTAGGATTAATAAACTCCCAAGGGCACGGTTTCATTC
CATTCCCATTCAGATCATCGTTTTCTGGGCACCGTAGAAAAAGAAGCCACTTTTTCCAATCCTAAAACTA
CAAGCCCAATAAAGGCAAGACAAAGGAGGAGAGATGGCATTATAGCTTATGACGACTGTGGGGTAA
ACTGACGATTGCTTTTCAAGCAAGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAA
TTTAGTATTAGTGACAAACAGAGGCTGGACAGCAGATTGCAACTTGCCTGAGACTTTTAGGTCGTAAAT
CTAACTCCAAACGTCTCTGGGTTATGTGGCAACTCTGAAAGATAATTTGGATTTATAGAAACAGCTAA
TCATGATAAAGAAATATTTTTCCACTATAGTGAGTTCTCTGGTGTGTTGATAGCCTGGAAGTGGGAGAC
ATGTTGAATACAGCTTGTCAAAGGCAAGGCAATAAAGTCAGTGTGAGAAAGTAAACAAAGCCCACT
CAGTGAATGGCATTACTGAGGAAGCTAATCCCACCATCTACTCTGGTAAAGTCATTGCGCCCTCTGAGAGG
TGTTGATCCAACACAGATTGAGTACCAAGGAATGATTGAGATTGTGGAGGAGGGGATATGAAAGGTGAA
GTGATACCTTTTGGCATAGTTGGGATGGCAACAAAGGGGATTGCCTACAGAAAGGGGAGAGTGTCAAGT
TCCAGTTGTGTACTTGGCCAAATGCACAACTATGGCCTACAACATCACACCCTTCGTAGGGCTAC
TGTGGAGTGTGTGAAAGATCAGTTTGGCTTTATTAATATGAAGTAGGAGATAGCAAGAAGCTCTTTTTC
CATGTGAAAGAAGTTCAGGATGGCGTTGAGCTACAGGCAGGAGATGAGGTGGAATTTCTCAGTGATCCTTA
ATCAGCGCACTGGGAAGTGCAGTGCCTGTAATGTCTGGCAGTCTGTGAAGGCCCAAGCTGTTGCAGC
TCCTCGACCTGACCGTTGGTCAATCGCCTAAAGAACATCACCTGGATGATGCCAGTGTCCACGTCTA
ATGGTTCTTCGTACGCCAAGGGGACCAGATAACTCAATGGGATTTGGTGCAGAAAGAAAGATCCGTCAAG
CTGGTGTCAATTGAC**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR210719 protein sequence

Red=Cloning site Green=Tags(s)

MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVE
FEVSSDRRTGKPIAIKLVKIKPEIHPEERMNGQVVCAPHNLESKSPAAPGQSPTGVCYERNGEVFLYLT
YTSSEDEGNVQLETGDKINFVIDNNKHTGAVSARNIMLLKKKQARCQGVVCMKEAFGFIERGDVVKEIF
FHYSSEFKGDELETLQPGDDVEFTIKDRNGKEVATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQ
DPLPGRIKVDVFIKELPFGDKDTKSKVTLLLEGDHVRFNISTRDRDKLERATNIEVLSNTFQFTNEAREM
GVIAAMRDGFGFIKCVDRDARMFFHFSEILDGNQLHIADEVEFTVVPDMLSAQRNHAIKIKLPGKTVSF
HSHSDHRFLGTVEKEATFSNPKTTPSNKGGKDEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVE
FSISDKQRPGQIATCVRLGRNSNSKRLLGYVATLKDNGFIETANHDKIEFFHYSEFGSDVDSLELGD
MVEYSLSKGKGNKVS AEKVNAHSVNGITEEANPTIYSGKVIRPLRGVDPTQIEYQGMIEIVEEGDMKGE
VYVYFIVGMANKGDCLQKGESVKFQLCVLQNAQT MAYNITPLRRATVECVKQDQGF INYEVGDSKKLFF
HVKEVQDGVLELQAGDEVEFSVILNQRTGKCSACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRL
MVL RQPRGPDNSMGFGAERKIRQAGVID

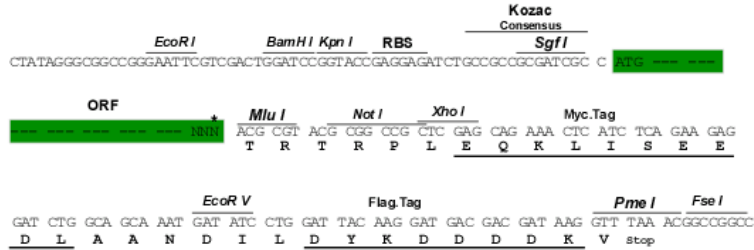
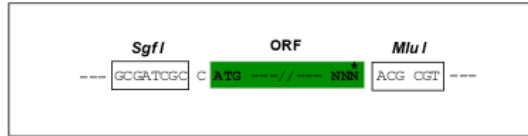
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_144901

ORF Size: 2397 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_144901.4](#)

RefSeq Size: 4201 bp

RefSeq ORF: 2397 bp

Locus ID: 229663

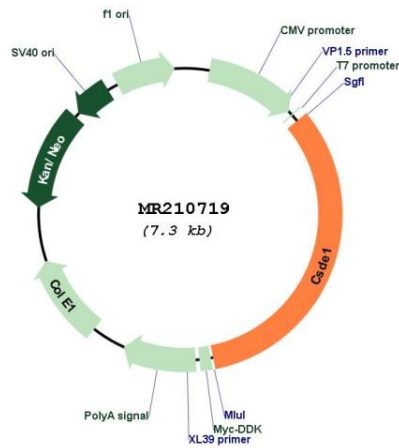
UniProt ID: [Q91W50](#)

Cytogenetics: 3 45.25 cM

MW: 88.8 kDa

Gene Summary: RNA-binding protein. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210719