

Product datasheet for **MG210719**

Csde1 (NM_144901) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csde1 (NM_144901) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Csde1
Synonyms:	AA960392; BC016898; D3Jfr1; mKIAA0885; unr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG210719 representing NM_144901
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTTTGATCCAAACCTTCCACAACAATGGACACAATGGGTACCCCAATGGTACTTCAGCAGCAC
TTCGTGAAACTGGGGTTATTGAAAACTTTGACCTCTTACGGATTCATTCAGTGTTCAGAACGGCAAGC
TAGACTTTTTCTCCACTGTTACAAATATAATGGCAACCTCCAAGACTTAAAAGTAGGAGATGATGTTGAA
TTTGAAGTATCATCTGACCGGAGGACTGGGAAACCTATTGCTATTAATTTGGTGAAGATAAAACCAGAAA
TACATCCTGAAGAACGAATGAACGGACAAGTTGTGTGCGCTGTTCCCTCACAACCTAGAGAGTAAATCTCC
AGCTGCCCGGGTCAGAGTCCAACAGGGAGTGTATGCTACGAACGTAATGGGGAAGTATTTTATCTGACT
TACACCTCTGAAGATGTGAAGGAATGTTGAGCTGAAACTGGAGATAAAATTAACCTTTGTAATTGATA
ACAATAAACACACTGGTGTCTGAAGTGTCTGTAATATTGCTGTTGAAAAAGAAGCAGGCTCGCTGTCA
AGGAGTAGTTTGTCCATGAAGGAGCGTTTGGCTTTATCGAAAGAGGTGATGTTGTAAGAGATATTC
TTTCACTATAGTGAATTTAAAGGTGACCTAGAAACCCTACAGCCTGGAGATGACGTGGAATTCACAAATCA
AGGACAGAAATGGTAAAGAAGTTGCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGA
TATCAGCATTGAACATTTTGAAGGAAGTGAACCAAAGTTATCCCAAAGTACCCAGTAAAAACCAGAAT
GACCCATTGCCAGGACGAATCAAAGTTGACTTTGTGATTCCATAAGAACTCCCTTTGGAGACAAAGACA
CAAAATCCAAAGTGACCTGTGGAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCGACGTGACAA
ATTGGAACGAGCAACCAACATAGAGGTTCTATCAAATACATTTCAAGTCACTAATGAAGCCAGAGAGATG
GGTGTGATTGCTGCCATGAGAGATGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGCTCGTATGTTCT
TCCACTTCAGTGAGATTCTAGATGGGAACCAGCTCCACATTGCAGATGAAGTAGAGTTTACTGTGGTTCC
TGATATGCTCTCTGCCAAAGAAATCATGCTATTAGGATTAATAAACTCCCAAGGGCACGGTTTCATTC
CATTCCCATTCAGATCATCGTTTTCTGGCACCGTAGAAAAAGAAGCCACTTTTTCCAATCCTAAAACTA
CAAGCCCAATAAAGGCAAGACAAGGAGGAGAGATGGCATTATAGCTTATGACGACTGTGGGTGAA
ACTGACGATTGCTTTTCAAGCAAGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAA
TTTAGTATTAGTGACAAACAGAGGCTGGACAGCAGATTGCAACTTGCCTGAGACTTTTAGGTCGTAATT
CTAACTCCAAACGTCTCTGGGTATGTGGCAACTCTGAAAGATAATTTGGATTTATAGAAACAGCTAA
TCATGATAAAGAAATATTTTTCACTATAGTGAGTTCTCTGGTGTGTTGATAGCCTGGAAGTGGGAGAC
ATGGTTGAATACAGCTTGTCCAAAGGCAAGGCAATAAAGTCAGTGCTGAGAAAGTAAACAAAGCCCACT
CAGTGAATGGCATTACTGAGGAAGCTAATCCCACCATCTACTCTGGTAAAGTCATTGCGCCCTCTGAGAGG
TGTTGATCCAACACAGATTGAGTACCAAGGAATGATTGAGATTGTGGAGGAGGGGATATGAAAGGTGAA
GTGATACCTTTTGGCATAGTTGGGATGGCAACAAGGGGATTGCCTACAGAAAGGGGAGAGTGTCAAGT
TCCAGTTGTGTACTTGGCCAAATGCACAACTATGGCCTACAACATCACACCCTTCGTAGGGCTAC
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ATCAGCGCACTGGGAAGTGCAGTGCCTGTAATGTCTGGCAGTCTGTGAAGGCCCAAGCTGTTGCAGC
TCCTCGACCTGACCGTTGGTCAATCGCCTAAAGAACATCACCTGGATGATGCCAGTGTCCACGTCTA
ATGGTTCTTCGTACGCCAAGGGGACCAGATAACTCAATGGGATTTGGTGCAGAAAGAAAGATCCGTCAAG
CTGGTGCATTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG210719 representing NM_144901

Red=Cloning site Green=Tags(s)

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MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVE
FEVSSDRRTGKPIAIKLVKIKPEIHPEERMNGQVVCAPHNLESKSPAAPGQSPTGVCYERNGEVFLYLT
YTSSEDEGNVQLETGDKINFVIDNNKHTGAVSARNIMLLKKKQARCQGVVCMKEAFGFIERGDVVKEIF
FHYSEFKGDLETLQPGDDVEFTIKDRNGKEVATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQN
DPLPGRIKVDVFIKELPFGDKDTKSKVTLLLEGDHVRFNISTRDRDKLERATNIEVLSNTFQFTNEAREM
GVIAAMRDGFGFIKCVDRDARMFFHFSEILDGNQLHIADEVEFTVVPDMLSAQRNHAIKIKLPGKTVSF
HSHSDHRFLGTVEKEATFSNPKTTPSNKGKDKAEEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVE
FSISDKQRPGQIATCVRLGRNSNSKRLLGYVATLKDNFGFIETANHDKIEFFHYSEFGSDVDSLELGD
MVEYSLSKGKGNKVS AEKVNAHSVNGITEEANPTIYSGKVIRPLRGVDPTQIEYQGMIEIVEEGDMKGE
VYVYFIVGMANKGDCLQKGESVKFQLCVLQNAQT MAYNITPLRRATVECVKQDQGF INYEVGDSKLLFF
HVKEVQDGV ELQAGDEVEFSVILNQRTGKCSACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRL
MVL RQPRGPDNSMGFGAERKIRQAGVID
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TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



EcoRI
BamHI *KpnI*
RBS
Kozac Consensus
SgfI
AscI

CTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGSAGATCTGCCGCCGATCGCCGGCGCCAGATCT

HindIII
NheI *RsrII*
MluI
NotI
XhoI
GFP Tag

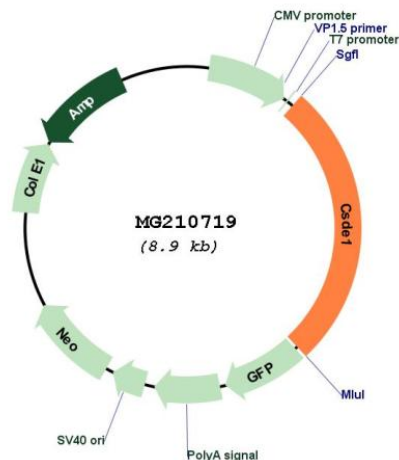
CAAGCTTAAGCTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- --- ---

T R T R P L E
M E S D - - -

PmeI
FseI

--- --- GAA GAA AGA GTT TAA ACGGCCGGCCGGGAGCT

- - - E E R V Stop

Plasmid Map:


ACCN: NM_144901

ORF Size: 2394 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: 4130 bp

RefSeq ORF: 2397 bp

Locus ID: 229663

UniProt ID: [Q91W50](#)

Cytogenetics: 3 45.25 cM

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]