

Product datasheet for **MR216444**

Csde1 (NM_001161854) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csde1 (NM_001161854) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csde1
Synonyms:	AA960392; BC016898; D3Jfr1; mKIAA0885; unr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR216444 representing NM_001161854
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTTTGATCCAACCTTCTCCACAACAATGGACACAATGGGTACCCCAATGGTACTTCAGCAGCAC
 TTCGTGAAACTGGGGTTATTGAAAACTCTTGACCTCTTACGGATTCATTCAAGTTCAGAACGGCAAGC
 TAGACTTTTCTTCCACTGTTACAAATATAATGGCAACCTCCAAGACTTAAAAGTAGGAGATGATGTTGAA
 TTTGAAGTATCATCTGACCGGAGGACTGGGAAACCTATTGCTATTAATTTGGTGAAGATAAAACCAGAAA
 TACATCCTGAAGAACGAATGAACGGACAAGAAGTATTTTATCTGACTTACACCTCTGAAGATGTGGAAGG
 GAATGTTCACTGCTGAAACTGGAGATAAAATTAACCTTTGTAATTGATAACAATAAACACACTGGTGTGTA
 AGTGCTCGTAATATTATGCTGTTGAAAAAGAAGCAGGCTCGTGTCAAGGAGTAGTTTGTCCATGAAGG
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 GCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGATATCAGCATTGAACATTTTGAAG
 GAACTGTAACCAAGTTATCCCAAAAGTACCCAGTAAAAACCAGAATGACCCATTGCCAGGACGAATCAA
 AGTTGACTTTGTGATTCCCTAAAGAACTTCCCTTTGGAGACAAAGACACAAAATCCAAAGTGACCCTGCTG
 GAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCCGACGTGACAAAATTGGAACGAGCAACCAACATAG
 AGGTTCTATCAAATACATTTTCAAGTTCAGTCAATGAAGCCAGAGAGATGGGTGTGATTGCTGCCATGAGAGA
 TGGTTTTGGTTTTCATCAAGTGTGTGGATCGTGATGCTCGTATGTTCTTCCACTTCAGTGAGATTCTAGAT
 GGAACACAGCTCCACATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTGATATGCTCTCTGCCAAAGAA
 ATCATGCTATTAGGATTAATAAACTTCCCAAGGGCAGGTTTTCATTCCATTCCATTGATCATCGTTT
 TCTGGGACCGTAGAAAAAGAAGCCACTTTTTCCAATCCTAAAACTACAAGCCCAATAAAGGCAAAGAC
 AAGGAGGCAGAAGATGGCATTATAGCTTATGACGACTGTGGGGTAAAAGTACGATTGCTTTTCAAGCCA
 AGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAATTTAGTATTAGTGACAAACAGAG
 GCCTGGACAGCAGATTGCAACTTGCCTGAGACTTTTAGGTCGTAATTTCAACTCCAAACGCTCTTGGGT
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 AGGCAAAGGCAATAAAGTCAGTGTGAGAAAGTAAACAAAGCCCACTCAGTGAATGGCATTACTGAGGAA
 GCTAATCCACCATCTACTCTGGTAAAGTCATTCGCCCTCTGAGAGGTGTTGATCCAACACAGATTGAGT
 ACCAAGGAATGATTGAGATTGTGGAGGAGGGGATATGAAAGGTGAAGTGTATCCTTTTGGCATAGTTGG
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 AATGCACAAACTATGGCCTACAACATCACACCCCTTCGTAGGGCTACTGTGGAGTGTGTGAAAGATCAGT
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 ACCAGATAACTCAATGGGATTTGGTGCAGAAAGAAAGATCCGTCAAGCTGGTGTCTATTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216444 representing NM_001161854
 Red=Cloning site Green=Tags(s)

MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVE
 FEVSSDRRTGKPIAIKL VKIKPEIHPEERMNGQEVFYL TYTSEDVEGNVQLETGDKINFVIDNNKHTGAV
 SARNIMLLKKKQARCQGVV CAMKEAFGF IERGDVVKEIFFHYSEFKGDLETLQPGDDVEFTIKDRNGKEV
 ATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQNDPLPGRIVKDFVIPKELPFGDKDTSKVTLL
 EGDHVRFNISTDRRDKLERATNIEVLSNTFQFTNEAREMGVIAAMRDGFGFIKCVDRDARMFHFSEILD
 GNQLHIADEVEFTVVPDMLSAQRNHAIKIKL PKGTVSFHSHSDHRFLGTVEKEATFSNPKTTSPNKGKD
 KEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVEFSISDKQRPQQIATCVRLGRNSNSKRLLG
 YVATLKNDFGFIETANHKEIFFHYSEFGSDVDSLELGMVEYSLSKGGKGNKVS AEKVNKAHSVNGITEE
 ANPTIYSGKVI RPLRGVDPTQIEYQGMIEIVEEGDMKGEVYPPFGIVGMANKGDCLQKGESVKFQLCVLGQ
 NAQTMAYNITPLRRATVECVKDQFGFINYEVGDSKLLFHHVKEVQDGVELQAGDEVEFSVILNQRTKCS
 ACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRLMVL RQPRGPDNSMGFGAERKIRQAGVID

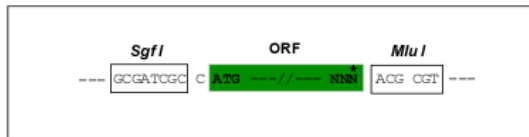
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

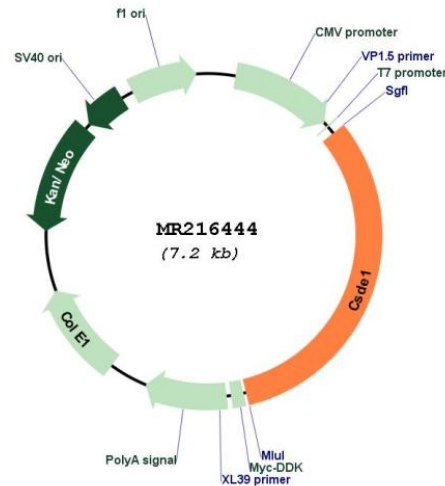
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001161854

ORF Size: 2301 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_001161854.2](#)

RefSeq Size: 4108 bp

RefSeq ORF: 2304 bp

Locus ID: 229663

Cytogenetics: 3 45.25 cM

MW: 86.1 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]