

## Product datasheet for **RR204494**

### Csde1 (NM\_054006) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Csde1 (NM_054006) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csde1
Synonyms:	Unr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide  
Sequence:

>RR204494 representing NM\_054006  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCTTTGATCCAACCTTCTCCACAACAATGGACACAACGGGTACCCCAATGGTACTTCTGCAGCAC  
TCCGTGAAACTGGGGTTATTGAAAACTGCTGACTCTTATGGATTTATTCAGTGTTCAGAACGGCAAGC  
TAGGCTTTTCTTCCACTGTTACAGTATAATGGCAACCTCCAGGACTTAAAAGTAGGAGATGATGTGGAA  
TTTGAAGTATCATCTGACCGGAGGACTGGGAAACCTATTGCTATTAATTTGGTGAAGATAAAACCAGAAA  
TACATCCTGAAGAACGAATGAATGGACAAGTTGTGTGCGCTGTTCCCTCACAACCTAGAGAGTAAATCTCC  
AGCTGCCCGGGTCAGAGTCCAACAGGGAGTGTATGCTACGAACGTAATGGGGAAGTATTTTATCTGACT  
TACACCTCTGAAGATGTGGAAGGGAACGTTTCAGCTGGAACTGGAGACAAAATTAACCTTTGTAATTGATA  
ACAATAAACACACTGGTGTCTGTAAGTGTCTGTAACATTATGCTGTTGAAAAAGAAAACAAGCTCGCTATCA  
AGGAGTAGTTTGTCCATGAAGGAGGCGTTTGGCTTTATTGAAAGAGGTGATGTTGTAAGAGATATTC  
TTTCACTATAGTGAATTTAAAGGTGATCTAGAAAACCTGCAGCCTGGAGATGACGTGGAATTCACAAATCA  
AGGACAGAAAATGGTAAAGAAGTTGCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGA  
TATCAGCATTGAACATTTTGAAGGAAGTGAACCAAAGTTATCCCAAAGTACCCAGTAAAAACCAGAAT  
GACCCATTGCCAGGACGAATCAAAGTTGACTTTGTGATTCCTAAAGAAGTCCCTTTGGAGACAAAGACA  
CAAAATCCAAAGTGACCTGTGGAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCGACGTGACAA  
ATTAGAACGAGCAACCAACATAGAGGTTCTATCAAATACATTTCAAGTCACTAATGAAGCCAGAGAGATG  
GGTGTGATTGCTGCCATGAGAGATGGTTTTGGCTTCATCAAGTGTGTGGACCGTGATGCTCGTATGTTCT  
TCCACTTCAGTGAGATTCTCGATGGGAACAGCTCCACATTGCAGATGAAGTGGAGTTTACTGTGGTCCC  
TGATATGCTCTCTGCCCAAAGAAAATCATGCTATTAGGATTAAGGATTAAGGATTAAGGATTAAGGATTAAGG  
CATTCCCATTCAGATCATCGTTTTCTGGGCACCGTAGAAAAAGAAAGCCACTTTTTCTAATCCTAAAACTA  
CAAGCCCAAAATAAGGCAAGACAAAGGAGGAGAGATGGCATTATTGCTTATGATGACTGTGGGGTGA  
ACTGACTATTGCTTTTCAAGCAAGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGA  
TTTAGTATTAGTGACAAACAGAGGCTGGACAGCAGATTGCAACTTGTGTGAGACTTTTAGGTCGTAATT  
CTAATTCAAAAGGCTCTTGGGTATGTGGCAACTCTGAAAGATAATTTGGATTTATTGAAACAGCTAA  
TCATGATAAGGAGATATTTTCCATTATAGTGAGTTCTCTGGTGTGTTGATAGCCTGGAAGTGGGAGAC  
ATGTTTGAATACAGCTTGTCCAAAGGCAAGGCAATAAAGTCAGTGTGAGAAAGTAAACAAAACCTCACT  
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CGTTGATCCAACACAGATTGAATACCAAGGAATGATTGAGATTGTGGAGGAGGGGATATGAAAGGTGAA  
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TCCAGTTGTGTACTTGGCCAAAATGCACAACTATGGCCTACAACATCACACCCCTTCGTAGGGCTAC  
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TCCTCGACCTGATCGGTTGGTTAATCGCTTAAAGAACATCACCCCTGGATGATGCCAGTGTCCACGTCTA  
ATGGTTCTTCGTACGCCAAGGGGACCAGATAACTCAATGGGATTTGGTGCAGAAAGAAAGATCCGTCAAG  
CTGGTGTCAATTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204494 representing NM\_054006  
 Red=Cloning site Green=Tags(s)

MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQC SERQARLFFHCSQYNGNLQDLKVGDDVE  
 FEVSSDRRTGKPIAIKL VKIKPEIHPEERMNGQVVCAPHNLESKSPAAPGQSPTGSVCYERNGEVFYL  
 YTS EDVEGNVQLETGDKIN FVIDNNKHTGAVSARNIMLLKKKQARYQGVV CAMKEAFGFIERGDVVKEIF  
 FHYS EFKGDLETLQP GDDVEFTIKDRNGKEVATDVRLLPQGT VIFEDISIEHFEGTVTKVIPKVP SKNQ  
 DPLPGRIK VDFVIPKELPFGDKDTKSKVTLL EGDHVRFNISTDRRDKLERATNIEVLSNTFQFTNEAREM  
 GVIAAMRDGFGFIKCVDRDARMFHFSEILDGNQLHIADEVEFTVVPDMLSAQRNHAIKIKLPKGTVSF  
 HSHSDHRFLGTVEKEATFSNPKTTPSNKGDKEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVE  
 FSISDKQRPQQIATCVRLGRNSNSKRLLYVATLKDNGFIETANHDKEIFFHYSEFGSDVDSLELGD  
 MVEYSLSKGKGNKVS AEKVNKTHSVNGITEE ANPTIYSGK VIRPLRGVDP TQIEYQGMIEIVEEGDMKGE  
 VYFPGIVGMANKGDCLQGESVKFQLCVLQNAQT MAYNITPLRRATVECVK DQFGFINYE VGDSKLLFF  
 HVKEVQDGI ELQAGDEVEF SVILNQRTGKCSACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRL  
 MVLRQPRGPDNSMGFGAERKIRQAGVID

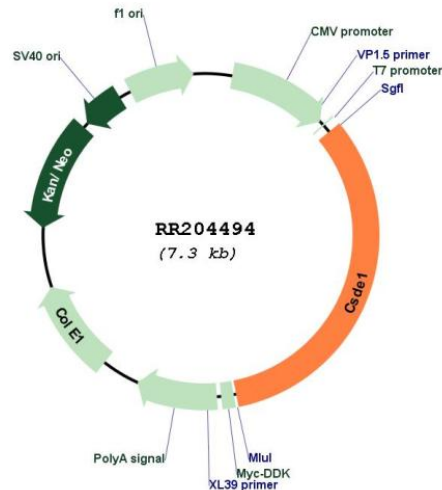
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



**Plasmid Map:**


**ACCN:** NM\_054006

**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\\_054006.1](#), [NP\\_446458.1](#)

**RefSeq Size:** 3755 bp

**RefSeq ORF:** 2397 bp

**Locus ID:** 117180

**UniProt ID:** [P18395](#)

**Cytogenetics:** 2q34

**MW:** 88.9 kDa

**Gene Summary:** gene of unknown function that may be coordinately regulated with N-ras [RGD, Feb 2006]