

## Product datasheet for **MG216444**

### Csde1 (NM\_001161854) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Csde1 (NM_001161854) 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:**

>MG216444 representing NM\_001161854  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACACAATGGGTACCCCAATGGTACTTCAGCAGCAC  
 TTCGTGAAACTGGGGTTATTGAAAACTCTTGACCTCTTACGGATTCATTCAAGTTCAGAACGGCAAGC  
 TAGACTTTTTCTTCCACTGTTACAAATATAATGGCAACCTCCAAGACTTAAAAGTAGGAGATGATGTTGAA  
 TTTGAAGTATCATCTGACCGGAGGACTGGGAAACCTATTGCTATTAATTTGGTGAAGATAAAACCAGAAA  
 TACATCCTGAAGAACGAATGAACGGACAAGAAGTATTTTATCTGACTTACACCTCTGAAGATGTGGAAGG  
 GAATGTTCACTGCTGAAACTGGAGATAAAATTAACCTTTGTAATTGATAACAATAAACACACTGGTGTCTGA  
 AGTGCTCGTAATATTATGCTGTTGAAAAAGAAGCAGGCTCGTGTCAAGGAGTAGTTTGTCCATGAAGG  
 AGGCGTTTGGCTTTATCGAAAGAGGTGATGTTGTAAAAGAGATATCTTTCACTATAGTGAATTTAAAGG  
 TGACCTAGAAACCTACAGCCTGGAGATGACGTGGAATTCACAATCAAGGACAGAAATGGTAAAGAAGTT  
 GCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGATATCAGCATTGAACATTTTGAAG  
 GAACTGTAACCAAGTTATCCCAAAAGTACCCAGTAAAAACCAGAATGACCCATTGCCAGGACGAATCAA  
 AGTTGACTTTGTGATTCCCTAAAGAACTTCCCTTTGGAGACAAAGACACAAAATCCAAAGTGACCCTGCTG  
 GAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCCGACGTGACAAAATTGGAACGAGCAACCAACATAG  
 AGGTTCTATCAAATACATTTTCAGTTCACATAATGAAGCCAGAGAGATGGGTGTGATTGCTGCCATGAGAGA  
 TGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGCTCGTATGTTCTTCCACTTCAGTGAGATTCTAGAT  
 GGAACACAGCTCCACATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTGATATGCTCTGCCCAAGAA  
 ATCATGCTATTAGGATTAATAAACTTCCCAAGGGCAGGTTTCATTCCATTCCATTGATCATCGTTTT  
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 AAGGAGGCAGAAGATGGCATTATAGCTTATGACGACTGTGGGGTAAAAGTACGATTGCTTTTCAAGCCA  
 AGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAATTTAGTATTAGTGACAAACAGAG  
 GCCTGGACAGCAGATTGCAACTTGCCTGAGACTTTTAGGTCGTAATTCTAACTCCAAACGCTCTTGGGT  
 TATGTGGCAACTCTGAAAGATAATTTGGATTTATAGAAACAGCTAATCATGATAAGGAAATATTTTTCC  
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 ACCAAGGAATGATTGAGATTGTGGAGGAGGGGATATGAAAGGTGAAGTGTATCCTTTTGGCATAGTTGG  
 GATGGCCAACAAAGGGGATTGCCTACAGAAAGGGGAGAGTGTCAAGTTCCAGTTGTGTACTTGGCCAA  
 AATGCACAAACTATGGCCTACAACATCACACCCCTTCGTAGGGCTACTGTGGAGTGTGTGAAAGATCAGT  
 TTGGCTTTATTAATAATGAAGTAGGAGATAGCAAGAAGCTCTTTTTCCATGTGAAAGAAGTTCAGGATGG  
 CGTTGAGCTACAGGCAGGAGATGAGGTGGAATTCTCAGTATCCTTAATCAGCGCACTGGGAAGTGCAGT  
 GCCTGTAATGTCTGGCGAGTCTGTGAAGGCCCAAGCTGTTGCAGCTCCTCGACCTGACCGTTGGTCA  
 ATCGCCTAAAGAACATCACCCCTGGATGATGCCAGTGTCCACGTCTAATGGTTCTTCTGTCAGCCAAGGGG  
 ACCAGATAACTCAATGGGATTTGGTGCAGAAAGAAAGATCCGTCAAGCTGGTGTCTATTGAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG216444 representing NM\_001161854  
Red=Cloning site Green=Tags(s)

```
MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQC SERQARLFFHCSQYNGNLQDLKVGDDVE
FEVSSDRRTGKPIAIKL VKIKPEIHPEERMNGQEVFYL TYTSEDVEGNVQLETGDKINFDNNKHTGAV
SARNIMLLKKKQARCGVVCAMKEAFGF IERGDVVKEIFFHYSEFKGDLETLQPGDDVEFTIKDRNGKEV
ATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQNDPLPGR IKVDFVIPKELPF GDKDTSKVTLL
EGDHVRFNI STDRRKLERATNIEVLSNTFQFTNEAREMGVIAAMRDGFGF IKCVDRDARMFHFSEILD
GNQLHIADEVEFTVVPDMLSAQRNHAI RIKKLPKGTVSFHS HSDHRFLGTVEKEATFSNPKTTSPNKGKD
KEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVEFSISDKQRPGQIATCVRL LGRNSNSKRLLG
YVATLKNDFGFIETANHDKEIFFHYSEFGSDVDSLEL GDMVEYSLSK GKGNKVS AEKVNKAHSVNGITEE
ANPTIYSGKVI RPLRGVDPTQIEYQGMIEIVEEGDMKGEVY PFGIVGMANKGDCLQKGESVKFQLCVLGQ
NAQT MAYNITPLRRATVECVKDQFGFINYEVGDSK KLF FHVKEVQDGV ELQAGDEVEFSVILNQRTGKCS
ACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRLMVL RQPRGPDNSM GFGAERKIRQAGVID
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**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

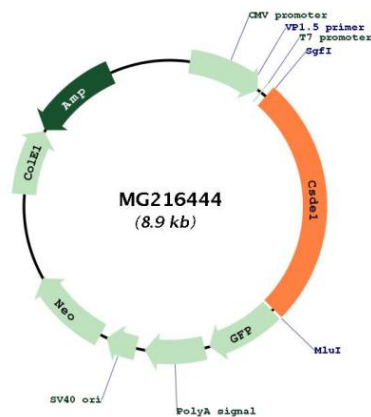
**RefSeq ORF:** 2304 bp

**Locus ID:** 229663

**Cytogenetics:** 3 45.25 cM

**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 MG216444