

## Product datasheet for **RC234860**

### CSDE1 (NM\_001242893) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CSDE1 (NM_001242893) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CSDE1
Synonyms:	D1S155E; UNR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC234860 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACATAATGGGTACCCTAATGGTACTTCAGCAGCAC  
TGCGTGAAACTGGGGTTATTGAAAACTGTTAACTCTTACGGATTTATTCAAGTTCAGAACGTCGAAGC  
TAGACTTTTCTTCCACTGTTACAGTATAATGGCAACCTGCAAGACTTAAAAGTAGGAGATGATGTTGAA  
TTTGAAGTATCATCGGACCGACGGACTGGGAAACCCATTGCTGTTAACTGGTGAAGATAAAAAAAGAAA  
TCCTCCCTGAAGAACGAATGAATGGACAAGAAGTGTGTTTATCTGACTTACACCCCTGAAGATGTCGAAGG  
GAACGTTCACTGGAACCTGGAGATAAAATAAACTTTGTAATTGATAACAATAACATACTGGTGTGTA  
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AGGCATTTGGCTTTATTGAAAGAGGTGATGTTGTAAGAGATATTCTTCACTATAGTGAATTTAAGGG  
TGACTTAGAAACCTTACAGCCTGGCGATGATGTGAATTCACAATCAAGGACAGAATGGTAAAGAAGTT  
GCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGATATCAGCATTGAACATTTGAAAG  
GAACTGTAACCAAGTTATCCCAAAAGTACCCAGTAAAAACCAGAATGACCCATTGCCAGGACGCATCAA  
AGTTGACTTTGTGATCCCTAAAGAACTTCCCTTTGGAGACAAAGATACGAAATCCAAGGTGACCCCTGCTG  
GAAGGTGACCATGTTAGGTTTAAATTTCAACAGACCGACGTGACAAATTAGAGCGAGCAACCAATATAG  
AAGTCTGTCAAATACATTTCACTTCAATGAAGCCCGAGAAATGGGTGTGATTGCTGCCATGAGAGA  
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GGGAACCAAGTCCATATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTGATATGCTCTCTGCTCAAAGAA  
ATCATGCTATTAGGATTAATAAACTTCCCAAGGGCAGGTTTCATTTTCACTCCATTCAGATCACCGTTT  
TCTGGGCACGGTAGAAAAAGAAGCCACTTTTTCCAATCCTAAAACCACTAGCCCAATAAAGGCAAGAG  
AAGGAGGCTGAGGATGGCATTATTGCTTATGATGACTGTGGGGTAAAAGTACTATTGCTTTTCAAGCCA  
AGGATGTGGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAATTTAGTATTAGTGACAAACAGAG  
GCCTGGACAGCAGGTTGCAACTTGTGTGCGACTTTTAGGTCGTAATTTCAACTCCAAGAGGCTCTTGGGT  
TATGTGGCAACTCTGAAGGATAATTTGGATTTATTGAAACAGCCAATCATGATAAGGAAATCTTTTTCC  
ATTACAGTGAGTCTCTGGTGTGTTGATAGCCTGGAAGTGGGGACATGGTCGAGTATAGCTTGCCAA  
AGGCAAAGGCAACAAAGTCAGTGCAGAAAAAGTGAACAAAACACACTCAGTGAATGGCATTACTGAGGAA  
GCTGATCCCACTTTACTCTGGCAAAGTAATTCGCCCTGAGGAGTGTGATCCAACACAGACTGAGT  
ACCAAGGAATGATTGAGATTGTGGAGGAGGGCGATATGAAAGGTGAGGTCTATCCATTTGGCATCGTTGG  
GATGGCCAACAAAGGGGATTGCCTGCAGAAAGGGGAGAGCGTCAAGTTCCAATTTGTGTCTGGGCCAA  
AATGCACAAACTATGGCTTACAACATCACACCCCTGCGCAGGGCCACAGTGGAAATGTGTGAAAGATCAGT  
TTGGCTTCATTAAGTATGAAGTAGGAGATAGCAAGAAGCTCTTTTTCCATGTGAAAGAAGTTCAGGATGG  
CATTGAGCTACAGGCAGGAGATGAGGTGGAGTTCTCAGTATTCTTAATCAGCGCACTGGCAAGTGCAGC  
GCCTGTAATGTTGGCGAGTCTGTGAGGGCCCCAAGGCTGTTGCAGCTCCTCGACCTGATCGGTTGGTCA  
ATCGCTTGAAGAATATCACTCTGGATGATGCCAGTGTCTCCTCGCCTAATGGTTCTTGTGCAAGGAGGG  
ACCAGATAACTCAATGGGTTTGGTGCAGAAAGAAAGATCCGTCAAGCTGGTGTCTATTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC234860 protein sequence  
Red=Cloning site Green=Tags(s)

```
MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQC SERQARLFFHCSQYNGNLQDLKVGDDVE
FEVSSDRRTGKPIAVKL VKIKQEILPEERMNGQEVFYL TYTPEDVEGNVQLETGDKINVIDNNKHTGAV
SARNIMLLKKKQARCQGVV CAMKEAFGF IERGDVVKEIFFHYSEFKGDLETLQPGDDVEFTIKDRNGKEV
ATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQNDPLPGR IKVDFVIPKELPFGDKDTSKVTLL
EGDHVRFNI STDRRDKLERATNIEVLSNTFQFTNEAREMGVIAAMRDGFGF IKCVDRDVRMFFHFSEILD
GNQLHIADEVEFTVVPDMLSAQRNHAI RIKKLPKGTVSFHS HSDHRFLGTVEKEATFSNPKTTSPNKGKE
KEAEDGIIAYDDCGVKLTI AFQAKDVEGSTSPQIGDKVEFSISDKQRPGQVATCVRLLGRNSNSKRLLG
YVATLKD NFGFIETANHDKEIFFHYSEFGSDVDSLEL GDMVEYSLSKGGKNKVS AEKVNKTHSVNGITEE
ADPTIYSKGVIRPLRSVDPTQTEYQGMIEIVEEGDMKGEVYPPFGIVGMANKGDCLQKGESVKFQLCVLGG
NAQT MAYNITPLRRATVECVKDQFGF INYEVGDSK KLFHVKVQDGI ELQAGDEVEFSVILNQRTGKCS
ACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRLMVL RQPRGPDNSMGFGAERKIRQAGVID
```

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6333\\_h04.zip](https://cdn.origene.com/chromatograms/mk6333_h04.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001242893

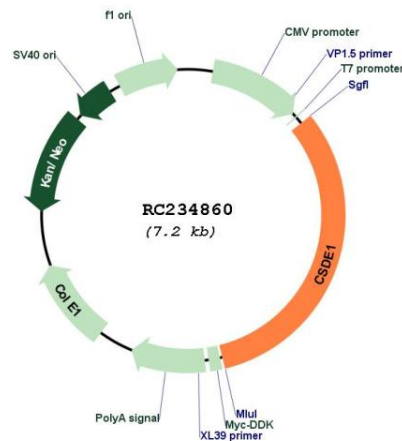
**ORF Size:** 2301 bp

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001242893.2</a>
<b>RefSeq Size:</b>	3703 bp
<b>RefSeq ORF:</b>	2304 bp
<b>Locus ID:</b>	7812
<b>UniProt ID:</b>	<a href="#">O75534</a>
<b>Cytogenetics:</b>	1p13.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	85.7 kDa
<b>Gene Summary:</b>	RNA-binding protein. Required for internal initiation of translation of human rhinovirus RNA. 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. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC234860