

Product datasheet for **RG234895**

CSDE1 (NM_001242892) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSDE1 (NM_001242892) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CSDE1
Synonyms:	D1S155E; UNR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234895 representing NM_001242892
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTTTGATCCAACCTTCTCCACAACAATGGACATAATGGGTACCCTAATGGTACTTCAGCAGCAC
 TGGTGAAGTGGGTTATTGAAAACTGTTAACTCTTACGGATTTATTCAGTGTTCAGAACGTCAAGC
 TAGACTTTTCTTCCACTGTTTACAGTATAATGGCAACCTGCAAGACTTAAAAGTAGGAGATGATGTTGAA
 TTTGAAGTATCATCGGACCGACGGACTGGGAAACCCATTGCTGTTAACTGGTGAAGATAAAAAAAGAAA
 TCCTCCCTGAAGAACGAATGAATGGACAAGTTGTGTGCGCTGTTCCCTCACAACCTAGAGAGTAAATCTCC
 AGCTGCCCGGGTCAGAGTCCAACAGGGAGTGTATGCTACGAACGTAATGGGGAAGTGTATCTGACT
 TACACCCCTGAAGATGTCGAAGGGAACGTTGAGCTGGAACTGGAGATAAAAATAAATTTGTAATTGATA
 ACAATAAACATACTGGTGTGTAAGTGTCTGCAACATTATGCTGTTGAAAAAGAAAACAGCCCGCTGCA
 GGGAGTAGTTTGTCCATGAAGGAGGCATTTGGCTTTATTGAAAGAGGTGATGTTGAAAAGAGATATTC
 TTTCACTATAGTGAATTTAAGGGTGACTTAGAAACCTTACAGCCTGGCGATGATGTGGAATTCACAATCA
 AGGACAGAAATGGTAAAGAAGTTGCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGA
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 CGAAATCCAAGGTGACCTGTGGAAGGTGACCATGTTAGGTTTAAATTTTCAACAGACCGACGTGACAA
 ATTAGAGCGAGCAACCAATATAGAAGTTCTGTCAAATACATTTCAAGTCACTAATGAAGCCCGAGAAATG
 GGTGTGATTGCTGCCATGAGAGATGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGTTGATGTTCT
 TCCACTTCAGTGAATTTCTGGATGGGAACCCAGCTCCATATTGCAGATGAAGTAGAGTTTACTGTGGTTCC
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 CATTCCCATTCAGATCACCGTTTTCTGGGCACGGTAGAAAAAGAAGCCACTTTTTCCAATCCTAAAACCA
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 TTTAGTATTAGTGACAAACAGAGGCTGGACAGCAGGTTGCAACTTGTGTGCGACTTTTAGGTCGTAATT
 CTAACCTCAAGAGGCTCTTGGGTATGTGGCAACTCTGAAGGATAATTTGGATTTATTGAAACAGCCAA
 TCATGATAAAGAAATCTTTTCCATTACAGTGAGTTCTCTGGTGTGTTGATAGCCTGGAAGTGGGGGAC
 ATGGTCGAGTATAGCTTGTCAAAGGCAAAGGCAACAAAGTCAGTGCAGAAAAAGTGAACAAAACACACT
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 GTTGTATCCAACACAGACTGAGTACCAAGGAATGATTGAGATTGTGGAGGAGGGCGATGAAAAGGTGAG
 GTCTATCCATTTGGCATCGTTGGGATGGCCAACAAGGGGATTGCCTGCAGAAAGGGGAGAGCGTCAAGT
 TCCAATTTGTGTCTGGGCCAAAATGCACAACTATGGCTTACAACATCACACCCTGCGCAGGGCCAC
 AGTGGAATGTGTGAAAGATCAGTTTGGCTTCATTAACATGAAGTAGGAGATAGCAAGAAGCTCTTTTTC
 CATGTGAAAGAAGTTCAGGATGGCATTGAGCTACAGGCAGGAGATGAGGTGGAGTTCTCAGTGATTCTTA
 ATCAGCGCACTGGCAAGTGCAGCGCCTGTAATGTTTGGCAGTCTGTGAGGGCCCCAAGGCTGTTGCAGC
 TCCTCGACCTGATCGGTTGGTCAATCGCTTGAAGAATATCACTCTGGATGATGCCAGTGTCTCTCGCCTA
 ATGGTTCTTCGTCAGCCAAGGGGACCAGATAACTCAATGGGTTTGGTGCAGAAAGAAAGATCCGTCAAG
 CTGGTGTCAATTGAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG234895 representing NM_001242892
Red=Cloning site Green=Tags(s)

MSFDPNLLHNNHNGYPNGTSAALRETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVE
FEVSSDRRTGKPIAVKLVKIKQEILPEERMNGQVVCAPHNLESKSPAAPGQSPTGVCYERNGEVFLYLT
YTPEDVEGNVQLETGDKINFVIDNNKHTGAVSARNIMLLKKKQARCQGVVCMKEAFGFIERGDVVKEIF
FHYSFEKGDLETLQPGDDVEFTIKDRNGKEVATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQN
DPLPGRIKVDVFI PKELPFGDKDTKSKVTLLLEGDHVRFNI STDRRDKLERATNIEVLSNTFQFTNEAREM
GVIAAMRDGFGFIKCVDRDVRMFFHFSEILDGNQLHIADEVEFTVVPDMLSAQRNHAIKIKL PKGTVSF
HSHSDHRFLGTVEKEATFSNPKTTSPNKGKEKEAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVE
FSISDKQRPGQVATCVRLGRNSNSKRLLGYVATLKDNGFIETANHDKIEFFHYSEFGSDVDSLELGD
MVEYSLSKGKGNKVS AEKVNKTHSVNGITEEADPTIYSGKVIRPLRSVDPTQTEYQGMIEIVEEGDMKGE
VYVYFIVGMANKGDCLQKGESVKFQLCVLQNAQT MAYNITPLRRATVECVKQDQGF INYEVGDSKLLFF
HVKEVQDGI ELQAGDEVEFSVILNQRTGKCSACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRL
MVL RQPRGPDNSMGF GAERKIRQAGVID

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

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_001242892.2](#)

RefSeq Size: 3796 bp

RefSeq ORF: 2397 bp

Locus ID: 7812

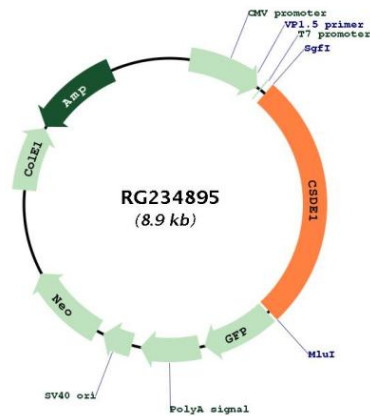
UniProt ID: [O75534](#)

Cytogenetics: 1p13.2

Protein Families: Transcription Factors

Gene Summary: 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 RG234895