

Product datasheet for **RC234955**

CSDE1 (NM_001242891) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSDE1 (NM_001242891) 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)



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**ORF Nucleotide
Sequence:**

>RC234955 representing NM_001242891
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAACGTTTTACTGTGTCATCAGATCCTCATCCCTCTCCTGCAGCCCCTCCTTCACTTTCTTTAC
 CCTTATCTTCATCTTCTACCTCATCTGGGACTAAAAAACAAAAGAGGACCCCACTTATCAGAGATCTAT
 GAGCTTTGATCCAAACCTTCTCCACAACAAATGGACATAATGGGTACCCTAATGGTACTTCAGCAGCACTG
 CGTGAAACTGGGGTTATTGAAAACTGTAACTCTTACGGATTTATTCAGTGTTCAGAAGCTCAAGCTA
 GACTTTTCTTCCACTGTTACAGTATAATGGCAACCTGCAAGACTTAAAAGTAGGAGATGATGTTGAATT
 TGAAGTATCATCGGACCGACGGACTGGGAAACCCATTGCTGTTAACTGGTGAAGATAAAACAAGAAATC
 CTCCTGAAGAACGAATGAATGGACAAGTTGTGTGCGCTGTTCTCACAACCTTAGAGAGTAAATCTCCAG
 CTGCCCGGGTCAGAGTCCAACAGGGAGTGTATGCTACGAACGTAATGGGGAAGTGTATCTGACTTA
 CACCCCTGAAGATGTCGAAGGGAACGTTACAGTGGAACTGGAGATAAAATAAACTTTGTAATTGATAAC
 AATAAACATACTGGTGTGTAAGTGCTCGCAACATTATGCTGTTGAAAAAGAAACAGCCCGCTGTCAAG
 GAGTAGTTTGCCATGAAGGAGGCATTTGGCTTTATTGAAAGAGGTGATGTTGTAAGAGATATTCTT
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 CCCATTGCCAGGACGCATCAAAGTTGACTTTGTGATCCCTAAAGAACTCCCTTTGGAGACAAAGATACG
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 TAGAGCGAGCAACCAATATAGAAGTTCTGTCAAATACATTCAGTTCACATAATGAAGCCCGAGAAATGGG
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 CACTTCAGTGAATTTCTGGATGGGAACAGCTCCATATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTG
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 GGTGTCATTGAC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC234955 representing NM_001242891
 Red=Cloning site Green=Tags(s)

MENVFTVSSDPHPSPAAPPSLSLPLSSSSTSSGTTKQKRTPTYQRSMSFDPNLLHNGHNGYPNGTSAAL
 RETGVIEKLLTSYGF IQCSERQARLFFHCSQYNGNLQDLKVGDDVEFEVSSDRRTGKPIAVKLVKIKQEI
 LPEERMNGQVVCAPHNLESKSPAAPGQSP TGSVCYERNGEVFYLTYTPEDVEGNVQLETGDKINVIDN
 NKHTGAVSARNIMLLKKKQARCGVVCAMKEAFGFIERGDVVKEIFFHYSEFKGDLETLQPGDDVEFTIK
 DRNGKEVATDVRLLPQGTVIFEDISIEHFEGTVTKVIPKVP SKNQNDPLPGRIVDFVIPKELPFGDKDT
 KSKVTLLLEGDHVRFNISTDRRDKLERATNIEVLSNTFQFTNEAREMGVIAAMRDGFGFKCVD RDRMFF
 HFSEILDGNQLHIADEVEFTVVPDMLSAQRNHAIRIKKLPKGTVSFHS SHSDHRFLGTVEKEATFSNPKTT
 SPNKGKEKAEDGIIAYDDCGVKLTIAFQAKDVEGSTSPQIGDKVEFSISDKQRPQQVATCVRLLGRNS
 NSKRLGYYATLKDNGF IETANHDKEIFFHYSEFGSDVDSLEL GDMVEYSL SKGKGNKVS AEKVNKTHS
 VNGITEEADPTIYSGKVI RPLRSVDPTQTEYQGMIEIVEEGDMKGEVYPPGIVGMANKGDCLQKGESVKF
 QLCV LQGNAQTMAYNITPLRRATVECVKQDFGF INYEVGDSKKLFFHVKEVQDGIELQAGDEVEFSVILN
 QRTGKCSACNVWRVCEGPKAVAAPRPDRLVNRLKNITLDDASAPRLMVL RQPRGPDNSMGFGAERKIRQA
 GVID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

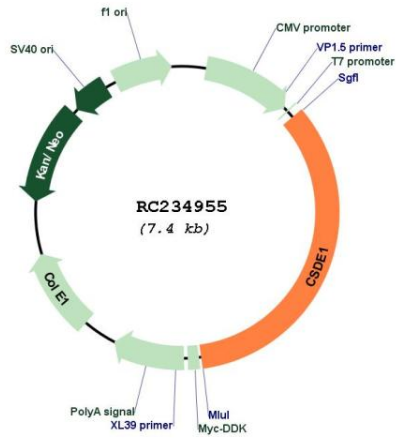
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001242891
ORF Size:	2532 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:	<ol style="list-style-type: none">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_001242891.1 , NP_001229820.1
RefSeq Size:	4330 bp
RefSeq ORF:	2535 bp
Locus ID:	7812
UniProt ID:	O75534
Cytogenetics:	1p13.2
Protein Families:	Transcription Factors
MW:	94.2 kDa
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 RC234955