

Product datasheet for **SC115654**

CSDE1 (NM_007158) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSDE1 (NM_007158) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSDE1
Synonyms:	D1S155E; UNR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_007158, the custom clone sequence may differ by one or more nucleotides

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ATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACATAATGGGTACCCTAATGGTACTTCAGCAGCAC
TGCCTGAAACTGGGTTATTGAAAACTGTTAACCTCTTACGGATTTATTCAGTGTTCAGAACGTCAAGC
TAGACTTTTCTTCCACTGTTACAGTATAATGGCAACCTGCAAGACTTAAAAGTAGGAGATGATGTTGAA
TTTGAAGTATCATCGGACCGACGGACTGGGAAACCCATTGCTGTTAACTGGTGAAGATAAAACAAGAAA
TCCTCCCTGAAGAACGAATGAATGGACAAGAAAGTGTGTTTATCTGACTTACACCCCTGAAGATGTCGAAGG
GAACGTTGAGCTGAAACTGGAGATAAAAATAAACTTTGTAATTGATAACAATAAACATACTGGTGTGTA
AGTGCTCGCAACATTATGCTGTTGAAAAAGAAACAAGCCCGCTGTGAGGGAGTAGTTTGTCCATGAAGG
AGGCATTTGGCTTTATTGAAAGAGGTGATGTTGTAAGAGAGATATTCTTCTACTATAGTGAATTTAAGGG
TGACTTAGAAACCTTACAGCCTGGCGATGATGTGAATTCACAATCAAGGACAGAAATGGTAAAGAAGTT
GCAACAGATGTCAGACTATTGCCTCAAGGAACAGTCATTTTTGAAGATATCAGCATTGAACATTTTGAAG
GAACTGTAACCAAAGTTATCCAAAAGTACCCAGTAAAAACCAGAATGACCCATTGCCAGGACGCATCAA
AGTTGACTTTGTGATCCCTAAAGAACTTCCCTTTGGAGACAAAGATACGAAATCCAAGGTGACCCCTGCTG
GAAGGTGACCATGTTAGGTTAATATTTCAACAGACCGACGTGACAAATTAGAGCGAGCAACCAATATAG
AAGTTCTGTCAAATACATTTTCAGTTCACTAATGAAGCCCGAGAAATGGGTGTGATTGCTGCCATGAGAGA
TGGTTTTGGTTTCATCAAGTGTGTGGATCGTGATGTTCTGATGTTCTTCCACTTCAGTGAATTTCTGGAT
GGGAACCAGCTCCATATTGCAGATGAAGTAGAGTTTACTGTGGTTCCTGATATGCTCTCTGCTCAAAGAA
ATCATGCTATTAGGATTAATAAACTTCCCAAGGGCAGGTTTTCAATCCTAAAACCACTAGCCAAATAAGGCAAAGG
AAGGAGGCTGAGGATGGCATTATTGCTTATGATGACTGTGGGGTAAAACGACTATTGCTTTTCAAGCCA
AGGATGTGAAGGATCTACTTCTCCTCAAATAGGAGATAAGGTTGAATTTAGTATTAGTGACAAACAGAG
GCCTGGACAGCAGGTTGCAACTTGTGTGCGACTTTTAGGTCGTAATTCTAACTCCAAGAGGCTCTTGGGT
TATGTGGCAACTCTGAAGGATAATTTGGATTTATTGAAACAGCCAATCATGATAAGGAAATCTTTTTCC
ATTACAGTGAGTTCTCTGGTGATGTTGATAGCCTGGAAGTGGGGGACATGGTCGAGTATAGCTTGTCCAA
AGGCAAAGGCAACAAAGTCAGTGCAGAAAAAGTGAACAAAACACACTCAGTGAATGGCATTACTGAGGAA
GCTGATCCACCATTTACTCTGGCAAAGTAATTCGCCCCCTGAGGAGTGTGATCCAACACAGACTGAGT
ACCAAGGAATGATTGAGATTGTGGAGGAGGCGATATGAAAGGTGAGGTCTATCCATTTGGCATCGTTGG
GATGGCCAACAAAGGGGATTGCCTGCAGAAAGGGGAGAGCGTCAAGTTCCAATTGTGTGCTGGGCCAA
AATGCACAAACTATGGCTTACAACATCACACCCCTGCGCAGGGCCACAGTGAATGTGTGAAGATCAGT
TTGGCTTCATTAAGTATGAAGTAGGAGATAGCAAGAAGCTCTTTTTCCATGTGAAAGAAGTTCAGGATGG
CATTGAGCTACAGGCAGGAGATGAGGTGGAGTTCTCAGTGATTCTTAATCAGCGCACTGGCAAGTGCAGC
GCCTGTAATGTTGGCGAGTCTGTGAGGGCCCCAAGGCTGTTGCAGCTCCTCGACCTGATCGGTTGGTCA
ATCGCTTGAAGAATATCACTCTGGATGATGCCAGTGCTCCTCGCCTAATGGTTCTTCGTGAGCCAAGGGG
ACCAGATAACTCAATGGGTTTGGTGCAGAAAGAAAGATCCGTCAGCTGGTGTGCTATTGACTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007158 unedited GAGGTTACATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGCTGCTT ATGGCGCGCTGGAGAGGGGGCGCTGAGCTGTTGGGTATGAAGTGTAAACAGAACAGACTTT ACCACCTGAAACTGCTGCTTCAAGTTCAGATCAGGCAAGGAACAAACCTCGTAACAACATA ACAAGACCAAAGAAGAGTACACTTAAGTTGAAGACACAACACTTGATCTGAAACAAGAAG TTTGTGCTACTCAACAGCTTTGAAAGAGCACTCCCAACGCTGCTAGTAGTCTTTGTTT TCTTCAGTGTACTGTGAGATTGCCCGGTACAGCAGCAGTTGATTCTTTATTAGCTT GGTAGATCATTTTCTCTCGCTCTTTTTTTAATACTAGCAACTTTCATCCTTTGAAACGT GTGCTGAAAAAGAAGAATCAGCAATACTACTGAAAGTGCAATATTTGAGTATCACTGCG AGATGAGCTTTGATCCAAACCTTCTCCACAACAATGGACATAATGGGTACCCTAATGGTA CTTCAGCAGCACTGCGTAAAAGTGGGGTATTGAAAACTGTTAACCTCTTACGGATTTA TTCAGTGTTCAGAACGTCAAGCTAGACTTTTCTCCACTGTTACAGTATAATGGCAACC CTGCAAGACTTAAAAGTANGAGATGATGTTGAATTTGAAGTATCATCGGACCGACGGACT GGGAAACCCATTGCTGTTAAACTGGTGAAGAAAAACAAAATCCTCCCTGAAGACCGAAT GAATGGACCAGAAGTGTATCTGACCTACACCCCTGAAAATGTCNAAGGGAAACGTTG AGCTGAAAACCTGGAGATAAAATAAACTTTGAATTGATAAACATACAAAACCTGTGCG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007158 unedited NNNNCCCCCCCCCCCCNCCNCCCCCCCCCCCCNCTCNCCCCNNNTTTTNCCTTTT TGACTCTGGNACCGCGGCCCACTAGGATCGAGTTTTTTTTTTTTTTTTTTTAGTGTC TCAAAAACAGTAAAACCTTATTCGCTTCCATTCTTCGCCATTAACAGAAAACCTGGAGAA AGCAAAAATGTTTCGTGTTTACAAGATAAACGGCCTCTTACCAGAGATCAAAACCTC AAACGACAAGGGGAAGATAAAACCGCCCTCCCCACATCCCCTGAGCTGACCCTTGCA TCTTAGACAAAGCCTTCACTCCACTGGCCAGGGACCCTGTATATGGCCAATTCAGAAGA GGGCCAAGAAATCAGACCCATCCATTCCCGTGATATAAAGTTGAACAGAAAGTACACCAA GGGTCAAGTGTCTGATTTTACAGGACACAGTAACCAGGCGGCTACTTATAAAAAAAAC AAGATTCATTTACAGGCACAACCTTTTTATTTTTTTTTTTGTTTTGTTTTAAATCAGTAAAA GAAACCGGGTCTAGAAGCTGCAGTGTCTAAGCAGCAGCAAGTTGCGCATTCATTTTT TTTGTTTTTGCTTAAATATGTTTAAATTATCACACTGCTGGCACTCCTCATTTGCATGAA ATTCTGCACCATACTACTAATTGTAGTAAAGTTACCCCCAACCCACGAAAAAAAACCT ACTCTGGAAGACAATTTCACTGAAATATAACCAAACTTCTTTAAGTGGATTGTGACCAG ATTATAAATGATATGAAACATAACATTTTAAACAATTGGCCATCACCTTTAAGAAATGGTT TGCCATACAAAATTTTTGTAATTCTTAAAAGAAATATATTCTACCTCATATGGGCCTTA GCATTTAAGCATTATGAACCGGAAGAAAAGGAAAAGAATGCCACT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_007158
Insert Size:	4110 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_007158.4 , NP_009089.4
RefSeq Size:	4041 bp
RefSeq ORF:	2304 bp
Locus ID:	7812
UniProt ID:	O75534
Cytogenetics:	1p13.2
Domains:	CSD
Protein Families:	Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks two alternate coding exons compared to variant 4. The resulting isoform (2) is shorter at the N-terminus and lacks an internal segment compared to isoform 4. Variants 2 and 6 both encode isoform 2.</p>