

## Product datasheet for **SC125663**

### CSDC2 (NM\_014460) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CSDC2 (NM_014460) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSDC2
Synonyms:	dj347H13.2; PIPPIN
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014460 unedited GAGGCCTGGAATTTGTAATACGACTTACTATAGGCGGACCGGATTGATCTGGTACCG GTCCGGAATTCCTGGGGTACACACACACACAATCTTCCAGACCCATCCCCTGCT GCCAGCTCCACGAGCCAGAGAGACAGAGCGCGGACGCCGAGGAGGAGTGCCTGGAC CCCAGCTGCCAGGAGACGGAGCCCGTGGTGGTGAGGCCGACAGCAGGCGCCAGGCC GGCCCTGCCGCAAGGACGACCAAAACCCTACCGGCCCTGGGCCCCAGAGCCACCA GGCTCTCCTGCTGGCCCCACCATGACTTCAGAGTCGACGTCACCCCCAGTTGTGCCCCG CTCCACTCCCCAAGTCCCAGTCTGGCCACCTTCCCCTTCCACAGGGAGGGCAGCAGG GTCTGGGAGCGGGTGGTGTCCACCTCGGGACCTACCCAGCCCTCTGCCACCAAGCGG ACCAGGACCTATTCAGCGACAGCCCGGCCTCAGCTGGCCCGTGTCAAGGGCGTCTGT AAGCAGTTCTCAGCTCACAGGGCCATGGCTTTCATACCCCGAGAACGGGTCCGAGGAC ATCTTCGTACATGTGTCTGACATCGAGGGGAGTACGTGCCAGTGGAGGGCAGCAGGTG ACCTACAAGATGTGCCCTATCCCTCCCAAGAACCAGAAGTTCAGGCCGTGGAGGTGGT CTCACTCAGCTGGGCCCCACACTCCCCACGAGACGTGGTCTGGCCAGGTCGTGAGCTCC TAGGCTGAGTGGTTCACAGGCCANCTGGCCGGGGGTTGGGGAGCCACCAGGGTGAAC CGGCAGCAGCCGGCTCCATGCCCACTGGCCCTGGCTGATGAGTCTTCCGTGGCCCT ANTGTGCACGTCA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014460
<b>Insert Size:</b>	2600 bp
<b>OTI Disclaimer:</b>	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).
<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_014460.2</a> , <a href="#">NP_055275.1</a>
<b>RefSeq Size:</b>	2380 bp
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	27254
<b>UniProt ID:</b>	<a href="#">Q9Y534</a>
<b>Cytogenetics:</b>	22q13.2
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:**

RNA-binding factor which binds specifically to the very 3' UTR ends of both histone H1 and H3.3 mRNAs, encompassing the polyadenylation signal. Might play a central role in the negative regulation of histone variant synthesis in the developing brain (By similarity).  
[UniProtKB/Swiss-Prot Function]