

Product datasheet for **SC321783**

CEND1 (NM_016564) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEND1 (NM_016564) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEND1
Synonyms:	BM88
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016564.3
 GGGAAACTCCCGAGCTCTCTCCGCGTTTCGACGCCCGCTCATCCCGCGGAGGAGCGCGC
 AGCCCCGGGGAGGCCGGAGGACGCGCCCATAGAATGCCAGGGGGGACAAACTGTCCTGA
 GCCCCTCTGGTGCAGCCACCTGCCTGTCCCATACGCCCGCCACCATGGAGTCCAGAGG
 GAAGTCAGCCAGCAGCCCAAGCCCGACACCAAGGTGCCCCAGGTACCACCGAGGCCAA
 GGTACCCCGGCAGCCGATGGGAAAGCCCTTGACCAAGCCCTCGAAGAAGGAGGCCCC
 GGCCGAGAAGCAGCAGCCGCGCAGCCCGCCACCGCACCTGCCAAGAAGACCTCGGC
 CAAGGCCGACCCTGCCCTTCTCAACAACCACAGCAACCTGAAGCCAGCCCCACGGTCCC
 CAGCAGTCCCGATGCAACCCCGGAGCCCAAGGGTCTGGGGACGGGGCGGAGGAAGATGA
 GGCTGCCAGTGGGGGCTGGGGCCGAGGTCCCTGGTCTGTGAGAATTCAACCCCT
 GCTGGTGGCTGGGGTGTGGCCGTGGCAGCCATAGCCCTGATTCTCGGTGTGGCCTTCT
 GGTCCGAAAAATAATACCTGGGGCCAGGGGGGGCACGGAGCCACTTCTGTACAG
 ACCCGAGGAAGCCAGTGCATGCAGATTACCCTTACCTATTCGTACACACGCACATTCA
 TTACACACCTACATATGCCCCAAACACACGCGCACGGTGAAGAGGACGCCGAGCCACC
 CCTGCTGACCCAGGACTTCCCCAACCTCCAGGGCAGAAAGAGCCAGGCTCCGGGGTCCA
 CAGCACAGGATGTGGGGCAGGGCACAGCTGGGGAACGGCAAGAAAGGAATGGACCCTGT
 GTGTGGCCCCCACCCTGGCGCTGGGTGATCCTGGGCCCCAGGGCTGGTCTGAGTG
 CAGGTGGGGGTGCCGGGATGGGTTGGGCCTGGGCCCGCCCTCGTGGGACATTAAGGG
 CGCGGTGGCTCCACTCGCCCATTTCTGCTCTTTGCGTACCCACCGGGGTCTGCCTGGG
 CGAATGCAGTGGGACGGACCTGGGGTGGGCACTCACCTCAGCAGAGCCTCAATGCCACCT
 CCCCACACCACCAAGCCTAGCTGGGTGGGACAGCGAGCCCTGAAGCCTGCGTGTGGAG
 GGGGTGCTGCCAAGGGTCGCCTTCCCCAGCTTGTGCTCCAGGGGAGCCCGACGCCGGC
 GGGGAGGCAGGGATGTCGAGGGCCCTCACAGCTGTGCCCGCCCTGCCCGCTAGACTGC
 CCTCCAGCTTGACCCAGCACCTGAGTCTAACAGCGTATAATGCAATAACAGGTA
 GAGTAGAACTGCTTTTGGCGGCGACCGTCACACTGTCCTCAGCCACTGCACCTGGGG
 AAGCCCTCGTGCAGCCCTCCTTAGCACATCCAGTCCCAGCGTGGCCCTTGGCGCGCAG
 CAGCAGGCGAACTCCAGAAAGGTGGTGGTGGGCACTGTGAGAACGTGGCCTGCCCTCACT
 GGCCAGTGGCCACAGGAACCCCGGGCCTGAGTGGAGGCTGAGTCTGAAATAAACTCTGTC
 GTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_016564
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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:	<u>NM_016564.3</u> , <u>NP_057648.2</u>
RefSeq Size:	1646 bp
RefSeq ORF:	450 bp
Locus ID:	51286
UniProt ID:	<u>Q8N111</u>
Cytogenetics:	11p15.5
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is a neuron-specific protein. The similar protein in pig enhances neuroblastoma cell differentiation in vitro and may be involved in neuronal differentiation in vivo. Multiple pseudogenes have been reported for this gene. [provided by RefSeq, Jul 2008]