

## Product datasheet for **SC303647**

### CER1 (NM\_005454) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CER1 (NM\_005454) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CER1  
**Synonyms:** DAND4  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_005454 edited  
 CATGCATCTCCTCTTATTTTCAGCTGCTGGTACTCCTGCCTCTAGGAAAGACCACACGGCA  
 CCAGGATGGCCGCCAGAATCAGAGTTCTCTTTCCCCCGTACTCCTGCCAAGGAATCAAAG  
 AGAGCTTCCCACAGGCAACCATGAGGAAGCTGAGGAGAAGCCAGATCTGTTTGTCCGAGT  
 GCCACACCTTGTAGGCACCCAGCCCTGCAGGGGAAGGCCAGAGGCAGAGAGAGAAGATGCT  
 GTCCAGATTTGGCAGTTCTGGAAGAAGCCTGAGAGAGAAATGCATCCATCCAGGGACTC  
 AGATAGTGAGCCCTTCCCACCTGGGACCCAGTCCCTCATCCAGCCGATAGATGGAATGAA  
 AATGGAGAAATCTCCTCTCGGGAAGAAGCCAAGAAATCTGGCACCACTTCATGTTTCAG  
 AAAAATCCGGCTTCTCAGGGGTCATCTTGCCCATCAAAGCCATGAAGTACATTGGGA  
 GACCTGCAGGACAGTCCCTTCCAGCCAGACTATAACCCACGAAGGCTGTGAGAAATTAGT  
 TGTTTCAGAACAACTTTGCTTTGGGAAATGCGGGTCTGTTTCATTTTCTGGAGCCGCGCA  
 GCACTCCCATACCTCCTGCTCTCACTGTTTGCCTGCCAAGTTCACCACGATGCACTTGCC  
 ACTGAACTGCACTGAACTTTCCTCCGTGATCAAGGTGGTATGCTGGTGGAGGAGTGCCA  
 GTGCAAGGTGAAGACGGAGCATGAAGATGGACACATCCTACATGCTGGCTCCAGGATTC  
 CTTTATCCCAGGAGTTTCAGCTTGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_005454

**Insert Size:** 800 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).



[View online »](#)

<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to contain two SNPs compared with NM_005454.2.
<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_005454.2</a> , <a href="#">NP_005445.1</a>
<b>RefSeq Size:</b>	1206 bp
<b>RefSeq ORF:</b>	804 bp
<b>Locus ID:</b>	9350
<b>UniProt ID:</b>	<a href="#">O95813</a>
<b>Cytogenetics:</b>	9p22.3
<b>Protein Families:</b>	Secreted Protein
<b>Protein Pathways:</b>	Wnt signaling pathway
<b>Gene Summary:</b>	This gene encodes a cytokine member of the cysteine knot superfamily, characterized by nine conserved cysteines and a cysteine knot region. The cerberus-related cytokines, together with Dan and DRM/Gremlin, represent a group of bone morphogenetic protein (BMP) antagonists that can bind directly to BMPs and inhibit their activity. [provided by RefSeq, Jul 2008]