

## Product datasheet for **SC312710**

### C19orf63 (EMC10) (NM\_175063) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C19orf63 (EMC10) (NM\_175063) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** C19orf63  
**Synonyms:** C19orf63; HSM1; HSS1  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_175063 edited  
ATGGCGGCAGCCAGCGCTGGGGCAACCCGGCTGCTCCTGCTCTTGCTGATGGCGGTAGCA  
GCGCCCAGTCGAGCCCGGGGACGCGGCTGCCGGCCGGGACTGGTGCGCGAGGGGCTGGG  
GCGGAAGGTCGAGAGGGCGAGGCCTGTGGCACGGTGCGGGCTGCTGCTGGAGCACTCATTT  
GAGATCGATGACAGTGCCAACCTCCGGAAGCGGGCTCACTGCTCTGGAACAGCAGGAT  
GGTACCTGTCCCTGTACAGCGGCAGCTCAGCGAGGAGGAGCGGGGCCACTCCGGGAT  
GTGGCAGCCCTGAATGGCCTGTACCGGGTCCGGATCCCAAGGCGACCCGGGGCCCTGGAT  
GGCCTGGAAGCTGGTGGCTATGTCTCCTCTTTGTCCCTGCGTGTCCCTGGTGGAGTCG  
CACCTGTCGGACCAGCTGACCCTGCACGTGGATGTGGCCGGCAACGTGGTGGCGTGTGCG  
GTGGTGACGCACCCTGGGGGCTGCCGGGCCATGAGGTGGAGGACGTGGACCTGGAGCTG  
TTCAACACCTCGGTGCAGCTGCAGCCGCCACACAGCCCAGGCCCTGAGACGGCGGCC  
TTCATTGAGCGCCTGGAGATGGAACAGGCCAGAAGGCCAAGAACCCCCAGGAGCAGAAG  
TCTTTCTCGCCAAATACTGGCACATCATCTGGGGGGGGCCGTGTTGCTCACAGCCCTG  
CGTCTGCTGCGCCAGGGCCCGCCACCGCCACAGGAGGCCTGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_175063

**Insert Size:** 1700 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).

**OTI Annotation:** The ORF of this clone has been fully sequenced and found to match NM\_175063.4 perfectly.



[View online »](#)

<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_175063.3</a> , <a href="#">NP_778233.3</a>
<b>RefSeq Size:</b>	2740 bp
<b>RefSeq ORF:</b>	2211 bp
<b>Locus ID:</b>	284361
<b>UniProt ID:</b>	<a href="#">Q5UCC4</a>
<b>Cytogenetics:</b>	19q13.33
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Promotes angiogenesis and tissue repair in the heart after myocardial infarction. Stimulates cardiac endothelial cell migration and outgrowth via the activation of p38 MAPK, PAK and MAPK2 signaling pathways.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript.