

Product datasheet for **SC335143**

C12orf43 (NM_001286191) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C12orf43 (NM_001286191) Human Untagged Clone
Tag:	Tag Free
Symbol:	C12orf43
Synonyms:	Custos
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286191, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCAGTGGCACAGTGAAGCGATTTCGGAAAGTAGTAACAGCAGTAGCGATGCGGAGGAGCTGG
AGCGGTGCCGCGAGGCGGCAATGCCGGCTTGGGGCTTGGAGCAACGCCCGCACGTGGCAGGGAAGCCAAG
AGCCGGTGCTGCAAAATAGCCAGTTGTCAACCTCCCAACCGAGCCTCAGGTAATGCACTTTGGGTTCAA
GTTTCACTTATTCAACAAATACTGATCCCTGCGTGTGCCAGATGCTAGGCTTACGCGCTGGCATTTC
GGCATAAGGTGAATGAGCATGAACAAGATGGCAACGAGCTTCAGACCACCCCTGAATTCGAGCCACGT
AGCCAAGAAGCTGGGAGCCCTGCTGGACAGCTTCATTACCATCTCAGAAGCAGCAAAGGAGCCAGCAAAA
GCTAAGGTACAGAAAGTCGCTTTGGAGGATGATGGTTTCCGCCTTTTCTCACATCTGTCCTGGAGGCC
GTGAGAAGGAAGAGTCTCCCAACCCCGCGAAAGCGACAGCCCTCCAGCTCCAGTGAGGACAGTGACGA
GGAGTGGCGCGGTGCCGGGAGGAGCTGTGTCGGCGTCCGACATCCTACAGGAGTCAGCCATCCACAGC
CCTGGAACAGTGGAGAAGGAGGCAAGAAGAAAAGGAAGTTGAAAAAGAAAGCCAAGAAGGTGGCCAGTG
TCGACTCGGCTGTGCTGCCACCACCCACCAGCATGGCCACAGTCCAGAAGCAGAAGTCAGGTGAGCT
CAACGGGGACCAGGTGTCGCTTGGGACCAAAAAGAAAAAGGCAAGAAGGCCAGCGAGACCTCTCCA
TTCCCACCAGCAAAGAGTGCTACAGCTATACCTGCAAACTGA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001286191
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).



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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_001286191.1, NP_001273120.1</u>
RefSeq Size:	2641 bp
RefSeq ORF:	882 bp
Locus ID:	64897
UniProt ID:	<u>Q96C57</u>
Cytogenetics:	12q24.31
Gene Summary:	<p>Plays a role in the regulation of Wnt signaling pathway during early development. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>