

Product datasheet for **SC334832**

C12orf43 (NM_001286196) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | C12orf43 (NM_001286196) 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_001286196, the custom clone sequence may differ by one or more nucleotides |

ATGGCGGCGCCAGTGGCACAGTGAAGCGATTTCGGAAAGTAGTAACAGCAGTAGCGATGCGGAGGAGCTGG
 AGCGGTGCCGCGAGGCGGCAATGCCGGCTTGGGGCTTGGAGCAACGCCCGCACGTGGCAGGGAAGCCAAG
 AGCCGGTGCTGCAATAGCCAGTTGTCAACCTCCCAACCGAGCCTCAGGCATAAGGTGAATGAGCATGAA
 CAAGATGGCAACGAGCTTCAGACCACCCCTGAATTCGAGCCACGTAGCCAAGAAGCTGGGAGCCCTGC
 TGGACAGCTTCATTACCATCTCAGAAGCAGCAAAGGAGCCAGCAAAGCTAAGGTACAGAAAGTCGCTTT
 GGAGGATGATGGCCGTGAGAAGGAAGAGTCTCCCAACCCGCCGAAAGCGACAGCCCTCCAGCTCCAGT
 GAGGACAGTGACGAGGAGTGGCGCGGTGCCGGGAGGCAGCTGTGTCGGCGTCCGACATCTACAGGAGT
 CAGCCATCCACAGCCCTGGAACAGTGGAGAAGGAGGCAAAGAAGAAAAGGAAGTTGAAAAAGAAAGCCAA
 GAAGGTGGCCAGTGTGCGACTCGGCTGTCGCTGCCACCACCCACCAGCATGGCCACAGTCCAGAAGCAG
 AAGTCAGGTGAGCTCAACGGGGACCAGGTGTGCGTTGGGACCAAAAAGAAGAAAAGGCAAGAAGGCCA
 GCGAGACCTCTCCATTCCCACCAGCAAAGAGTGCTACAGCTATACCTGCAAACTGA

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| Restriction Sites: | Sgfl-MluI |
| ACCN: | NM_001286196 |
| 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_001286196.1, NP_001273125.1</u> |
| RefSeq Size: | 2515 bp |
| RefSeq ORF: | 756 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 (5) uses alternate splice sites at two coding exons, but maintains the reading frame, compared to variant 1. The encoded isoform (e) is shorter than 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> |