

Product datasheet for **SC334313**

C1orf43 (NM_001297723) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf43 (NM_001297723) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf43
Synonyms:	HSPC012; NICE-3; NICE3; NS5ATP4; S863-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297723, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCCGGCAGTAACTGGCTCTCCGGGGTGAATGTCGTGCTGGTGATGGCCTACGGGAGCCTGGTGT  
TTGTAAGTCTATTTATTTTGTGAAGAGGCAAATCATGCGCTTTGCAATGAAATCTCGAAGGGGACCTCA  
TGTCCCTGTGGGACACAATGCCCAAGGACTTCAAAGAGGAGATTGATATTCGACTCTCCAGGGTTCAG  
GATATCAAGTATGAGCCCCAGCTCCTTGCAGATGATGCTAGACTACTACAACGGAAACCCAGGGAA  
ATCAAAGTTGCTACAACATCTGTATAGGATGAAAGCTCTGGATGCCATTCGTACCTCTGAGATCCCATT  
TCATTCTGAAGGCCGGCATCCCCGTTCTTAATGGCAAGAATTCGGCTCCTACCTGCTGGATCTGCCA  
AACACTAGTACGCTTTCAAGGGTGTACGCAAAGCACTCATTGATACCCTTTGGATGGCTATGAAACAG  
CCCGCTATGGGACAGGGTCTTTGGCCAGAATGAGTACCTACGCTATCAGGAGGCCCTGAGTGGCTGGC  
CACTGCGTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001297723
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).
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).



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Reconstitution Method:

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: [NM_001297723.1](#), [NP_001284652.1](#)

RefSeq Size: 1815 bp

RefSeq ORF: 570 bp

Locus ID: 25912

UniProt ID: [Q9BWL3](#)

Cytogenetics: 1q21.3

Protein Families: Transmembrane

Gene Summary: General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (8) contains an alternate in-frame exon, lacks a portion of the 3' coding region, and its transcription extends past a splice site used in variant 1, resulting in a different 3' UTR. The encoded isoform (8) is shorter than isoform 1. 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.