

Product datasheet for SC333986

C1orf43 (NM_001297717) Human Untagged Clone

Product data:

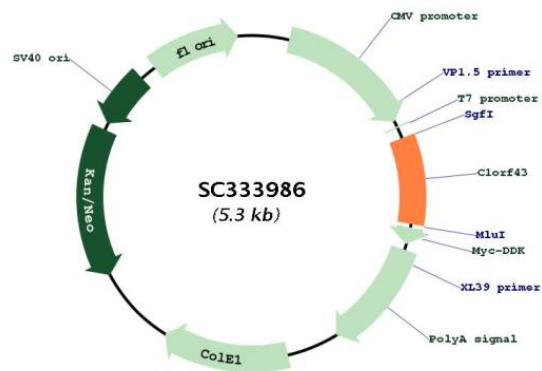
Product Type:	Expression Plasmids
Product Name:	C1orf43 (NM_001297717) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf43
Synonyms:	HSPC012; NICE-3; NICE3; NS5ATP4; S863-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333986 representing NM_001297717. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTCCGGCAGTAACTGGCTCTCCGGGGTGAATGTCGTGCTGGTGATGGCCTACGGGAGCCTGGTG
TTTGTACTGCTATTTATTTTGTGAAGAGGCAAATCATGCGCTTTGCAATGAAATCTCGAAGGGGACCT
CATGTCCCTGTGGGACACAATGCCCCCAAGGACTTGAAGAGGAGATTGATATTCGACTCTCCAGGGTT
CAGGATATCAAGTATGAGCCCCAGCTCCTTGCAGATGATGCTAGACTACTACAAGTGGAAACCCAG
GGAAATCAAAGATCCCATTTCATTCTGAAGCCGGCATCCCCGTTCTTAATGGGCAAGAATTTCCGC
TCCTACCTGCTGGATCTGCGAAACACTAGTACGCCTTTCAAGGGTGTACGCAAAGCACTCATTGATACC
CTTTTGGATGGCTATGAAACAGCCCGCTATGGGACAGGGGGTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001297717

Insert Size: 459 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).

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:

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_001297717.1](#)

RefSeq Size: 1791 bp

RefSeq ORF: 459 bp

Locus ID: 25912

UniProt ID: [Q9BWL3](#)

Cytogenetics: 1q21.3

Protein Families: Transmembrane

MW: 17.2 kDa

Gene Summary: General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) contains an alternate in-frame exon and lacks two exons, which results in a frameshift, compared to variant 1. The encoded isoform (4) has a distinct C-terminus and is shorter than isoform 1.