

Product datasheet for **SC312943**

C21orf58 (NM_058180) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C21orf58 (NM_058180) Human Untagged Clone
Tag:	Tag Free
Symbol:	C21orf58
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312943 representing NM_058180. Blue=Insert sequence Red=Cloning site Green=Tag(s)

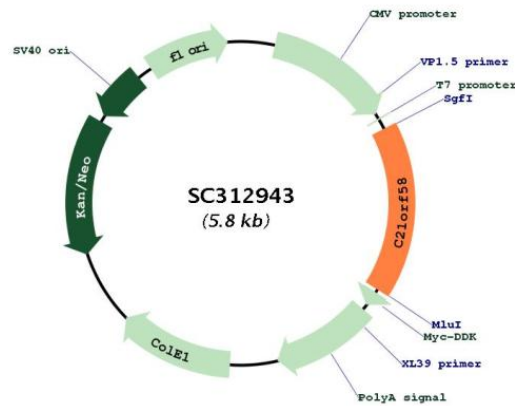
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGATCTCGGCTCCCTGCAACCTCCCTCAGGAAGCCGTGGAAGCTCGACCGCCAGAACTTCCT
TCTCCTGACTCAGGCCACAGTCTTCTGTGTGGCTGGTCTCCAGGAGGTAAGGCCCGCCCTGCAGGCAAC
ACCGGTGCTTGGGCTCCTGCTGAGCAGTCTTTCTGCGAGTAACAGAACCAGGGAGGGAGGTGGGCTG
TGGCCTCCCCTGCCCTACAGTCGTCTCCTGCAGCTCCCACCATGCTGGACTCATCAGCAGCAGAGCAA
GTGACCCGACTGACGCTGAAGCTCTTGGGACAGAAGCTGGAGCAAGAACGGCAGAACGTGGAAGGGGGA
CCTGAGGGCCTCCACCTCGAGCCAGGAAATGAGGACCGCCGGACGATGCCCTGCAGACTGCTCTGAAG
AGAAGGAGGGACCTTCTGCAGAGACTCCGGGAACAACACCTCCTGGACGAGCTCTCTCGGGCCAGGCC
TGGAGCGGGCAAGCAGAGGAGCCCTCGGGTCAAGCCCTGCCCCAGAGCTGCCCCACGGGCATCCTA
CCCACTGCCTCCCATCCCCGCTGGCCCCAGACCCGCAAGGATCATCCTGCCTACGGTCCCCAGCCT
CCTGCCACCATCATTAGCAGCTCCCTCAGCAGCCACTCATAGCACAGATTCTCCTCCCCAGGCCCTT
CCTACTCAACGGTCAGGAAGTATTAAGGAAGACATGGTGGAGCTGCTGCTGCTGCAGAACGCACAGGTG
CACCAGTTGGTCTGCAGAACTGGATGCTCAAGGCCCTGCCCCAGCCCTGCAGGACCCGCCACATGTG
CCCCGAGGGTCCCACGAGCTGCCAGGCCAAGGCTGCCTGCCGTGCACCACCACCACCACCACCACAT
GCTGTGTGGCCACCTGGGCTGCCACTGTCTCCAGCCCGCCCCAGCCTGTGGACGCCTGGCCACCC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_058180

Insert Size: 969 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_058180.4](#)

RefSeq Size: 3015 bp

RefSeq ORF: 969 bp

Locus ID: 54058
UniProt ID: [P58505](#)
Cytogenetics: 21q22.3
MW: 35 kDa