

Product datasheet for **SC315494**

C3orf43 (SMCO1) (NM_001077657) Human Untagged Clone

Product data:

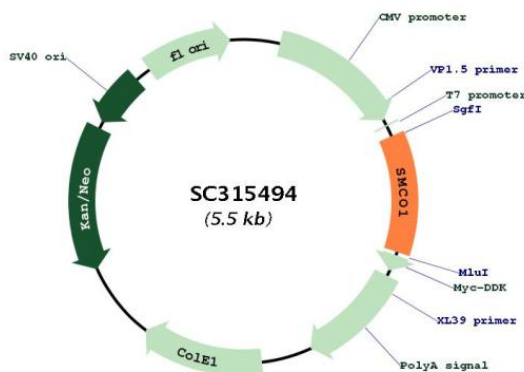
Product Type:	Expression Plasmids
Product Name:	C3orf43 (SMCO1) (NM_001077657) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMCO1
Synonyms:	C3orf43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315494 representing NM_001077657. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACAATGAAACCACAACCTGATATCCTTGAAGGAGGCAATGAAAAGAGTAGACCACAACTCCAA
GCGTTAGAAACACAGTTCAAAGAAGTAGACTTCACCAAGGATAACCTGATGCAGAAATTCGAACATCAT
AGTAAGGCTTTGGCAAGCCAAGCAGCCCAAGATGAGATGTGGACAGCAGTTCGGGCACTCCAGCTCACT
TCAATGGAATTGAATATTTTATACAGCTACGTCATTGAAGTACTTATCTGCTTGCATACTCGTGTGCTT
GAGAAGCTGCCAGACCTGGTGAGAGGTCTCCAACCTTAGCCTCTGTACTCAGAAGAAAAGTTAAGAAC
AAGCGCGTTAGAGTTGTATGGGAGTCCATACTGGAGGAGTGTGGGCTGCAAGAAGGAGACATCACAGCA
CTTGTACCTTCTTTATTGCACGTGGTAACAAGGCAAGCAACTATACTGCTAAAGTGAGGCAGATGTAC
ATCAGGGATGTCACGTTCTAATTAACATGGTAAAGAACCAGGCTCTGCAGGACAGTTTGCTGAGG
GCTGTGCAGGTAATTGAGAAGGGGAAAGCAGTTAGGACCCCTGAAAAGCAAAAAGTCATCCCTCGAAGAG
TTGATACCATCTGTCAAAAATTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001077657

Insert Size: 645 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_001077657.2](#)

RefSeq Size: 1812 bp
RefSeq ORF: 645 bp
Locus ID: 255798
UniProt ID: [Q147U7](#)
Cytogenetics: 3q29
MW: 24.6 kDa