

Product datasheet for **SC312801**

CCDC122 (NM_144974) Human Untagged Clone

Product data:

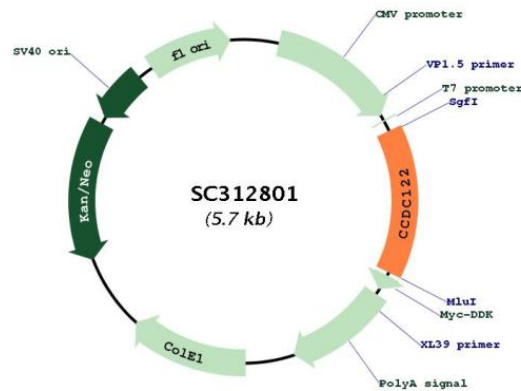
Product Type:	Expression Plasmids
Product Name:	CCDC122 (NM_144974) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC122
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312801 representing NM_144974. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGAGCAACAAGAAAGGAAGAGTCAAGGATTTCTAAAGAAGATAACCAAGACACAAGTTCATTA
GCTGATGCTGTAGAGAAAGTTGCAAAGCAACAACATCACAAGCATCAGAGATAGAAAAACAACAAAG
GTTCTGTTCAATTTGAAGAATGAACTTCATGAGCTTGAAAAAGAAATAGCAGCTATCTCTGCAGAACT
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CTGGAAACTCAAATCAAATCCTTACATTCAGAAAATGTAAGCTTAAATTTGACATAGAAACAGCCCAA
GAAGATTTTGAGGAACACATGATAAAATATAATGCATATTATGCAAAAAATAAGACACATAAAATAGT
TTGGGGGAAGTAGAGAGCAAATGGTCATTTATGACTGAACTCCATGAAAAAGCAGATTTTGTAAAAA
TTAAAGACAATGAAAGAAGAACTTATGCAAGATCTTCAAATCCAGGAGGGAACCGAATAACACAAGTA
CAGGAAGACATTACAACTTAAAGGATAAAATTAACTGTAAGAAGATCTATCATTGAAAAACTTGT
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GATGCAATTTAAGCGTTTGCATTGTGAGGTGAACAAGCTTCAGTCAAATAGACGACAGTGCCAATGG
AACATTCAACAATTGAAAAAATGCAGCCGAATTAAGAAAATGCATTGGAAATGCAAGAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_144974

Insert Size: 822 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_144974.3](#)

RefSeq Size: 2024 bp

RefSeq ORF: 822 bp

Locus ID: 160857

UniProt ID: [Q5T0U0](#)

Cytogenetics: 13q14.11

MW: 32.2 kDa

Gene Summary: This gene encodes a protein that contains a coiled-coil domain. Naturally occurring mutations in this gene are associated with leprosy. [provided by RefSeq, Apr 2017]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.