

Product datasheet for **SC300192**

CCL3L3 (NM_001001437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCL3L3 (NM_001001437) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCL3L3
Synonyms:	464.2; D17S1718; GOS19-2; LD78; LD78BETA; SCYA3L; SCYA3L1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001001437, the custom clone sequence may differ by one or more nucleotides ATGCAGGTCTCCACTGCTGCCCTTGCCGTCCTCCTCTGCACCATGGCTCTCTGCAACCAG GTCCTCTCTGCACCACTTGTGCTGACACGCCGACCGCCTGTGCTTCAGCTACACCTCC CGACAGATTCCACAGAATTTTCATAGCTGACTACTTTGAGACGAGCAGCCAGTGCTCCAAG CCCAGTGCATCTTCTAACCAAGAGAGGCCGCGCAGGTCTGTGCTGACCCAGTGAGGAG TGGGTCCAGAAATACGTCAGTGACCTGGAGCTGAGTGCCTGA
Restriction Sites:	Please inquire
ACCN:	NM_001001437
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:	<ol style="list-style-type: none">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.



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RefSeq:	<u>NM_001001437.2, NP_001001437.1</u>
RefSeq Size:	775 bp
RefSeq ORF:	282 bp
Locus ID:	414062
UniProt ID:	<u>P16619</u>
Cytogenetics:	17q12
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Gene Summary:	<p>This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this gene binds to several chemokine receptors, including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals, where most individuals have one to six copies, and a minority of individuals have zero or more than six copies. There are conflicting reports about copy number variation of this gene and its correlation to disease susceptibility.[provided by RefSeq, Apr 2014]</p>