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Product datasheet for SC321137

CCL28 (NM_148672) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCL28 (NM_148672) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCL28
Synonyms:	CCK1; MEC; SCYA28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_148672.2 GGGGAGGGCAGGCAGGAATGCAGCAGAGAGGACTCGCCATCGTGGCCTTGGCTGTCTGTG CGGCCCTACATGCCTCAGAAGCCATACTTCCCATTGCCTCCAGCTGTTGCACGGAGGTTT CACATCATATTTCCAGAAGGCTCCTGGAAAGAGTGAATATGTGTCGCATCCAGAGAGCTG ATGGGGATTGTGACTTGGCTGCTGTCATCCTTCATGTCAAGCGCAGAAGAATCTGTGTCA GCCCGCACAACCATACTGTTAAGCAGTGGATGAAAGTGCAAGCTGCCAAGAAAAATGGTA AAGGAAATGTTTGCCACAGGAAGAAACACCATGGCAAGAGGAACAGTAACAGGGCACATC AGGGGAAACACGAAACATACGGCCATAAAACTCCTTATTAGAGAGTCTACAGATAAATCT ACAGAGACAATTCCTCAAGTGGACTTGGCCATGATTGGTTGTAAGTTTATCATCTGAATT CTCCTTATTGTAGACAACAGAACAAAACAAAATATTGGTTTTTAAAAAATGAACAATTGT GCGGTATGCAAATGTAGCCAATAATATACTCAACTGGAAAATGAAATGAAAAGATAATAC TGGCTGGGTATGGTGGTTCACACCTTTTATCCCAGCACTTCGGGAGGCTGAGGCAGGAGG ATCACTTGAGACCAGGAGTTTGAGACCAGCCTGGGCAACATAGCAAGACCTCATTTCTAC AAACAAAAAAAAAAATTGGCCCGGCATGGTGGTACTTGCCTGTAGTCCCAGCCACATGGGA GGCTGAGGTGGGAGGATCACTTGAGTCTGGGAGAGTTTGAGGTTGCAGTGAGCAGCCTGG GTGACAGAATGAGACCCTGTCTCTAAAAATAATAATAATAATGATAGTGTATATCTTCAT ATAATATTTTAAGAGGAGCATATAGATATAACTTCTCCCAACTTTTTAATTATAGTTTTC CAAACTTACAGAGAAGTTAAAAGAATGGTACAATGAACATCTATATATCTTTCACCACAA TATTAATCATTGTTAATATTGTGTCACATTTGCTTTCTCTCTCCTCTCTTTGTATGTGTT TCTATATAAAATATTATAACTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_148672

View online »

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_148672.2, NP_683513.1
RefSeq Size:	816 bp
RefSeq ORF:	384 bp
Locus ID:	56477
UniProt ID:	Q9NRJ3
Cytogenetics:	5p12
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Gene Summary:	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014] Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 2, and 3 all encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.