

Product datasheet for SC102147

Macrophage inflammatory protein 5 (CCL15) (NM_032965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Macrophage inflammatory protein 5 (CCL15) (NM_032965) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCL15
Synonyms:	HCC-2; HMRP-2B; LKN-1; LKN1; MIP-1 delta; MIP-1D; MIP-5; MRP-2B; NCC-3; NCC3; SCYA15; SCYL3; SY15
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None

Fully Sequenced ORF: >OriGene ORF sequence for NM_032965 edited
 ATGAAGGTCTCCGTGGCTGCCCTCCTGCCTCATGCTTGTGCTGTCTTGGATCCCAG
 GCCCAGTTCATAAATGATGCAGAGACAGAGTTAATGATGTCAAAGCTTCCACTGGAAAAT
 CCAGTAGTTCTGAACAGCTTTCACCTTGTGCTGCTACTGCTGCACCTCCTACATCTCACAA
 AGCATCCCGTGTTCACCTCATGAAAAGTTATTTTGAACGAGCAGCGAGTGTCCAAGCCA
 GGTGTCAATTCTCACCAAGAAGGGGGCGCAAGTCTGTGCCAAACCCAGTGGTCCGGGA
 GTTCAGGATTGCATGAAAAGCTGAAGCCCTACTCAATATAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_032965 unedited
 NAAACGTTACATTTGTATACGACTCACTATAGCGGCCCGGNAATTCGCACGAGAAGCA
 GTGAGCCCAGNAGTCTCGGCCAGCCCTGCCTGCCACCAGGAGGATGAAGGTCTCCGTG
 GCTGCCCTCCTCCTGCCTCATGCTTGTGCTGTCTTGGATCCCAGGCCAGTTCATAAAT
 GATGCAGAGACAGAGTTAATGATGTCAAAGCTTCCACTGGAAAATCCAGTAGTTCTGAAC
 AGCTTTCACCTTGTGCTGCTGACTGCTGCACCTCCTACATCTCACAAAGCATCCCGTGTCA
 CTCATGAAAAGTTATTTTGAACGAGCAGCGAGTGTCCAAGCCAGGTGTCAATTCTC
 ACCAAGAAGGGGGCGCAAGTCTGTGCCAAACCCAGTGGTCCGGGAGTTCAGGATTGCATG
 AAAAAGCTGAAGCCCTACTCAATATAATAATAAGAGACAAAAGAGGCCAGCCACCACC
 TCCAACACCTCCTGTGAGTTTCTTGGTCTGAAATACTTAAAAATATATATATTGTGTG
 TCTGGTAATGAAAGTAATGCATCTAATAAAGAGTATTCAATTTTTAAAAAAAAAAAAAAAA
 AAACCTCGACTCTAGATTGCGGCCGCGGTCTAGCTGTTTCTGAACAGATCCCAGGTGGC
 ATCCCTGTGACCCCTCCCAGTGCTCTCCTGGCCCTGGAAGTTGCCACTCCAGTGCCCA
 CCAGCCTGTGCCTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGTCTTCTTAT
 ATTTGGGTGGGGGGGGGGTGGTNNNNNNNNNNNNNNNNNNNNNTTGNNAACNCC
 GGGGGGGNGGGGGGGGNTTATGGGGGAACAAATTGGGAGTGGGTTGGGACAATTTTGG
 GTTACTGGGATTTTGCTTNTGG



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032965 unedited NNNTTTTACTCTGNACNCGCGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTA AAAATTGAATACTCTTTATTAGATGCATTACTTTCATTACCAGACACAACAATATATATA TTTTTAAAGTATTTAGACCAAGAACTCACAGGAGGTGTTGGAGGTGGGTGGCTGGCCT CTTTTGTCTCTTATTATTATATTGAGTAGGGCTTCAGCTTTTTCATGCAATCCTGAACT CCCGGACCACTGGGTTTGGCACAGACTTGCCGCCCTTCTTGGTGAGGAATATGACACCT GGCTTGGAGCACTCGCTGCTCGTTTCAAATAACTTTTCATGAGTGAACACGGGATGCTT TGTGAGATGTAGGAGGTGCAGCAGTCAGCAGCAAAGTGAAAGCTGTTCAGAACTACTGGA TTTTCCAGTGGAAGCTTTGACATCATTAACTCTGTCTCTGCATCATTTATGAACTGGGCC TGGGATCCAAGGACAGCAACAAGCATGAGGCAGGAGAGGGCAGCCACGGAGACCTTCATC CTCCTGGTGGGCAGGCAGGGCTGGCCGAGGACTCCTGGGCTCACTGCTTCTCGTGCCGAA TTCGCGGCCGCCCTATAGTGAGTCGATTACAAAATTCTGACGGTTCACTAAACGAGCTC TGCTTATATAGACCTCCCACCGTACACGCCTACCGCCATTTGCGTAACGGGGCGGGGTT ATTACGACATTTGAAAGTCCCGTTGATTNTGGTGCCAAAACAACCTCCATTGACGTAAT GGGGTGGAGACTTGAANATCCCCGTGAGTANACCGCTATCCACGCCATTGGTGTACTGCC AAACCGCTCACATGGTATAGCGAGACTAAACGTANATGTCTGCCAGTNAGAAATCCCGTA GGTGATGTCTGGCATATGCCAGCGGCATTTACGTCATC
Restriction Sites:	NotI-NotI
ACCN:	NM_032965
Insert Size:	600 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).
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.
RefSeq:	NM_032965.2 , NP_116741.1
RefSeq Size:	955 bp
RefSeq ORF:	342 bp
Locus ID:	6359
UniProt ID:	Q16663
Cytogenetics:	17q12
Domains:	IL8
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Gene Summary: This gene is located in a cluster of similar genes in the same region of chromosome 17. These genes encode CC cytokines, which are secreted proteins characterized by two adjacent cysteines. The product of this gene is chemotactic for T cells and monocytes, and acts through C-C chemokine receptor type 1 (CCR1). The proprotein is further processed into numerous smaller functional peptides. Naturally-occurring readthrough transcripts occur from this gene into the downstream gene, CCL14 (chemokine (C-C motif) ligand 14). [provided by RefSeq, Jan 2013]