

Product datasheet for **SC117560**

Macrophage inflammatory protein 5 (CCL15) (NM_004167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Macrophage inflammatory protein 5 (CCL15) (NM_004167) Human Untagged Clone
Tag:	Tag Free
Symbol:	Macrophage inflammatory protein 5
Synonyms:	HCC-2; HMRP-2B; Lkn-1; LKN1; MIP-1d; MIP-5; NCC-3; NCC3; SCYA15; SCYL3; SY15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117560 sequence for NM_004167 edited (data generated by NextGen Sequencing) ATGAAGGTCTCCGTGGCTGCCCTCTCCTGCCTCATGCTTGTGGTGTCCCTGGATCCCAG GCCAGTTCATAAATGATGCAGAGACAGAGTTAATGATGTCAAAGCTTCCACTGGAAAAT CCAGTAGTTCTGAACAGCTTTCACCTTTGCTGCTGACTGCTGCACCTCCTACATCTCACAA AGCATCCCGTGTCACTCATGAAAAGTTATTTTGAACGAGCAGCGAGTGTCCAAGCCA GGTGTCAATTCTCACCAGAAGGGGCGCAAGTCTGTGCCAAACCCAGTGGTCCGGGA GTTTCAGGATTGCATGAAAAAGCTGAAGCCCTACTCAATATAA Clone variation with respect to NM_004167.4



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004167 unedited
 NGTGTCAAAATTTGTATACGACTCCTATAGGCGGCCGCGATTGCGCCACGGAATAGACTG
 GAAGGGAAAAAGGCAGCATTACACACATCCCAATCCTGAATCCAAGAGTCTAAGATAGTC
 CCCCACTCCTATCTCAGGCTTAGAGGATTAGATTAATCTCCTGGAGGGAAGACTCTTCT
 TGAAACATTTTTTTTATCTGCCTGTAGCTATTGGGATAATTTCGGGAAATCCACAGGGAC
 AGTTCAGTCATCTTTGCCTCTACTTTCTGTTGCACTCTCAGCCTTGTCTCTTTTTAG
 AAATGCATGGTAACTATTATATAGCTAAAGAAGAGCATTCTGACCTCTGCCCCTGGGACT
 TCCTGGATCCTCCTCTTCTTATAAATACAAGGGCAGAGCTGGTATCCCGGGGAGCCAGGA
 AGCAGTGAGCCCAGGAGTCTCGCCAGCCCTGCCTGCCACCAGGAGGATGAAGGTCTC
 CGTGGCTGCCCTCTCCTGCCTCATGCTTGTGCTGCTTGGATCCCAGGCCAGTTCAC
 AAATGATGCAGAGACAGAGTTAATGATGTCAAAGCTTCCACTGGAAAAATCCAGTAGTTCT
 GAACAGCTTTCACCTTGTGCTGACTGCTGCACCTCTACATCTCACAAAGCATCCCGTG
 TTCCTCATGAAAAGTTATTTTGAACGAGCAGCGAGTGTCCAAGCCAGGTGCATATT
 CCTCACCAAGAAGGGCGCAAGTCTGTGCCAAACCCAGTGGTCCGGGAGTTCANGATTGC
 ATGANAAAGCTGAAGCCCTACTCATATANNTATAAAGAGACCAAGAGCCAGNCACCCA
 CTNCACACCTNCTGAGCCTCTGAAGCTCCACCCAGCCAGCTCTTCTNCCACACAGCTTCC
 ACAGCATN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004167 unedited
 TGAACCGCGCCACCGCATTCTAGTAGTCGAGNNCTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTGGNAAAAAACCAGAATGGCTTTTATTTCAAACACGGA
 AACCCCAAAAAGGGGACTGGGGCTAAAATTAACCGGGGGGGAAGAAGGGGCCCTGGCA
 TCTTCTCTTTATTGCTCTGAACTGGGCCCTTGCCACCCCTTTTGGGGAATCAAATCTCC
 CTCATGTCCCTGATATAATCCCGGACCCCTTTTCACTGGGGTGGGACAAACCGAATGG
 CCCCTTTTGGGAAAAAACAATTCGCGCTTGGAACACCGGCTGGTGGGCCATAATAA
 TCCCTAATCCCCTTACCCGGATCTTTAAGGAATGTAAGGGAACAACCCCTTAAAGGG
 GGGGAAAGGCCCCCGAAGAAGATTTAATCTTGGTCCCAAGGCCATTGTGATTAAGAAG
 AAAAAAGGAATGGCCTCCCCGAAATCTTATGCCGGGGAAACCTTTTTGGGAAGAAAA
 CTGGCCCGCGGGAAACCTCAAAGCCCAAGAAGGGTTTGAAGGGGTGGGCTGCCCTT
 TGGCCTTTTATTTAATATGAGAAGGGGCTTAACTTTTTTATGCCAATCCCAAAACCCC
 CGGACCCCTTGGTTTGGCACAAACCTTTCCCGCCCTTTTTGGGAAGGAAATTGACACCC
 GGCTTCGAAACCCCGCCCTTACAAAAAATCTTTTAGAATTAAAACAGCATTCT
 CTCTCGAATATTTCCAAGTGCCTCCCCCCCCACCAACTAAAACCCGTGCAAAACACCC
 TGGATTTTCCATAGAAAGTTTGACACTTATACCTCTGCCTTTGACCATGCGGAACTGGG
 CCCGGTCCCGCTAATCACCACCTCTGGCTGTATGCTGCCCGCAACCCTCATTCTT
 TTGGGGCCACCTACTCGTCCGGAGCACCGTCTTTTCTTA

Restriction Sites:

NotI-NotI

ACCN:

NM_004167

Insert Size:

1350 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_004167.3 , NP_004158.2
RefSeq Size:	1392 bp
RefSeq ORF:	342 bp
Locus ID:	6359
Cytogenetics:	17q12
Domains:	IL8
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) is a bicistronic transcript that includes the longer form of the downstream gene CCL14.</p>