

Product datasheet for MC223796

Cilp2 (NM_026818) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cilp2 (NM_026818) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cilp2
Synonyms: 1110031K21Rik; AA407300; CLIP-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223796 representing NM_026818
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCATCACCTCTGCCCTTGTCTATCTCTGCCTTGCCGCTTACACCTAGCGGGAGCGGAGATGCCA
 CCCCCACCGAGGAGCACACTTCAACCGCCAGGGGTCTTCAGGGACGGCCGAGATACCGCCAGCCCTC
 GCCAGCCCTGGAAGATTGGGAGGAGGCCAGCGAGTGGACGTCGTGGTTCAACGTGGATCACCCGGGAGGA
 GATGGCGACTTCGAGAGCCTGGCCGCCATTTCGATTCTACTATGGTCCCGCGGGGTGTGCCGAGACCAC
 TGGCACTGGAGGCGCGCACCCAGCTGGGCGCTACCAGCTGCAATGGGCGAAAGGGTGCACGCCAACCC
 AGAGCGTGGCTTTTGGTGTCTCAATCGTGAGCAGCCTCGAGGCCCGCGCTGCTCCAACCTACCACGTGCGC
 TTCCGCTGCCACTGGAGGCGGCTTGGGGCGCTTGGGGAGCGTGGGGCCTCTGCTCCAAGAGTTGCGGGC
 TAGGTCGTCGCCGCGCCGAGCTGTCAAAGCTCCTCTGGGGACACGTGTCCCGGGAGCCCCCAGGA
 GGCGCAGAAGTGGTGGATCCCGTTGTCCAGGGTGTAGCTCCGACACCTGCGGGTGCCCCAACACATC
 CTCCTGGGTTCAAGTGGTCAACCCATCTGGGCGACCGCTGTCCAGGAGCCAGGGTCTCCCTGAGAACCCGAC
 CTGGAACCATAGCCACCAGCGGTACCCATGGAACCTTCCAAGTGGCCGAGTCTGCGCGGGCAGCAAGG
 CAGTGTACGCGCCAGATGAATGGGTTCTCTGCTGGCACAGCGCAGGCTCACGCCAACAGCTCCAACACA
 GCCACAGTCAACATCATCCTTGAAGAGTTAGGGAAGCCGTACCTGGTAAAGCACCCCTGAGTCTCGAGTTC
 GAGAGGCAAGTCAAGATGTGACCTTCTGCTGCAAGGCCTCGGGGACACCCATGCCAAGAAATATTCCTG
 GTTCCACAACGGGACTCTCCTGGACCGACGCCAGCAGGGGTCTGGGCCACACCTAGAGCTCCAGGGGCTT
 CACCAGGCGCAGGAGGGGAGTACCCTGCAAGGCCTGGAACGAGGCGGGCACGGTGCATCCCGCGCAG
 CCCTCCTCAGTACTCGCTCCCGCCAGCAGGCCTGTGACCCCGACCTCAGGAACACCTGATCAAGCT
 TCCGGACGATTGCGGCCAACCCGAGGCGGCCACGTACCTAGACGTGGGTCTGTGCGCGGACACGCGC
 TGTCCGGGCCCTGTGGGCTCAGGCCCTCGCTGTGGGGACGCGGGCTCTCGATGCTGCTCAGTGTGCGCC
 TGGAGAGCAGGGACATCCGCTGCTCCGGTACGTGCTCCCGGTGAAGGTGGTGGCCGAGTGTGGCTGCG
 CAAGTGCCTGCCCGTCCGGGACTGGTACGGGGCCGCGTGGTGGCTGCGGATCCGGGGAGCCCTCGCT
 TTCGCCAGGATACTGCTGGGCGCGCACCCATCGGCTTCACTCTACCAGGGCGACTTACCATCGAGG



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TGCCGCCAGCCACCGAGCGCCTCGTGGTACTTTCGTGGACCCGAGTGGAGACTTCGTAGACAGCGTCCG
 CGTGCTGCCTTTTGACCCTCGCGGAGCCGGTGTGTACCACGAGATCCGCGCGCTGCGCAAGGCGGCCGCA
 GTGCTGTTGGACGCGGAGCGGGCGGTGAAATCCCCTGGGCAGCACAGAGGAGGCGCCAGCGCTAGGCG
 AGCTAGTCTGCCGCCCGGACCTTCCACCACCCTGACGGCCGTCCCTACACGGGGCCCGTGGAGGCTCG
 TGTCACTTTCGTGGACCCTCGTACCTGGCGTCCGCGCGTCCGCGCGTCCAGCGACCTGCGGTTCTGGAC
 AGCGCGGGTGAGCTGGCGCCTCTGCGAACCTATGGCATGTTTGCAGTGGACCTGCGCGCACCCCGGTCCA
 CGGAGCAGCTGCACGTGGCGCGCGGACGTGCACGTGGACCGGACCAGTGCATGCCCGTACCCCGTACGC
 CGAGGCCCTGGCACTCTGGTCGCTGGACCCGGAGACCGGCTGTGGGAGGAGGAGGGTCTGAGCAAGGA
 AGCGGCGGCTTCCGCGTGGAGCGCGCGCGCGTGCAGGAGGAGCGCGCTTTCGTGGGCG
 CGCTACCATGCGCGAGCGCGCTTGTAACTAGACGTGCCTGAGCGCGACGGTGTTCGTGAAGGT
 TCGCGCTACGGCACGGATCGTTTCGCGCCCGCAGAGCAGGTGCAGGGCGTGGTGGTACGCTGCTCAAC
 CTGGAGCCCGCGCCCGCTTACGGCAACCCACGCGCTGGGGTGGCTTCGACAGCGCGGTACAGGGC
 CCAACGGCGCGTGCCTGCCAGCCTTCTGCGACGCCGAGAAGCCGACGCCTACACGGCCTTGTGACCGC
 TGCTCTGGGAGGCGAGGAGCTGGAGGCCGCCATCGCGCCACGCGGACCGCGCCGCTGTGGGCGT
 GCGCAGCCCTACCTGGAGCGCCTAGGCTACCAGCGCACTGATCAGCAGACCCTGCGCTCAAACGCACTG
 GCTTCCGCTTGAACCTTTCGCGCTCCACGCGGGCCACGAGTCTGAGGCGCACGGGCCCGTGTATCCGTG
 GCGCCGCTGCGCGACTGCGAGGACGCGCCAGTCACTGACAGTCACTTCCGATTCTCGCGCGTGGAGGCG
 GACAAGTACGAGTACGACGTGGTCCGTTCCACGAGGGAGCGCCCGCCTTGGACCGGCGACCTGCTGG
 CCTGGTGGCCCAACCCGAGGAGTTCGCGCGTGTCTTCTGAAGGTGCGGCTGCAGGGCCCGCAGGAGTA
 CATGGTGCCTTACACAACGCAGGTGGCACCCACGAAGCCACACGCGCCCGCTTACGGGCTGCGCGAC
 ACCCGCAGCGTGCGCCACCCTGAGCGCCCGGTGCCTCGGCTGCCTGCGTGGAGTTCAAGTGCGGCGGCA
 TGTTGTTTGACCAGCGCCAGGTGGACAGGACGCTGGTAAGTGTGACCCACAGGGCAGCTGTGCGCGCT
 GGCCGTCAACACGCTTCTGAGGACTATCTAGCCAGGACCCCGCGCTCGCCGCTGCTGATGACCCCGC
 GGTTTCGCCATGCTGGCTCCGCTCGACGCTCTGGGCCACAATAAGGCGTCTACACGGTACCCGACCAGA
 GCCACGTTTGGCCAAGGAAATTGCTATCGGCCGCTGCTTCGACGGCTTCTGATGGCTTCTCGCGGGA
 GATGAAAGCGGACGCGGGCACGGCAGTACCTTCCAGTGCAGAGCCGCGCCGACAGCCAGCCTCTTC
 CAGCGGCTGTGGAGAACCCTTTCATCAGCGCTTGGCGACATCCGTAGGGAGATGGCCAAGCCACCCGCT
 ATTCCCGGTTAACCAAAACCAGGCTGGAGACACCGGCCCTTCGGCCCTGGACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_026818

Insert Size:

3489 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:

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_026818.2](#), [NP_081094.2](#)

RefSeq Size: 4022 bp

RefSeq ORF: 3489 bp

Locus ID: 68709

UniProt ID: [D3Z7H8](#)

Cytogenetics: 8 B3.3

Gene Summary: May play a role in cartilage scaffolding.[UniProtKB/Swiss-Prot Function]