

Product datasheet for **MC205576**

Matn3 (NM_010770) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Matn3 (NM_010770) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Matn3
Synonyms:	AV009181
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC071224
 CCCAGTTACCTCGCGGCTCACAGACCCCGGCAGGTCGTCAAGCCCATCATGTTGCTCTCAGCCCCCTTAC
 GCCACCTCCCGGGGCTTCTGCTGCTGCTCTGGCCGCTGTTGCTCCTGCCTTCCCTGGCTGCTCTGGACG
 TTTGGCCCGCGGAGCGTCCGCCGGCTGGGGACACGAGTCCCCGGAGGCAGCCCTGGGCATCTCTGCT
 CTGGCTACTTCCACCCGCGGCCATATCCGGGGCCCGGGCGCAGGTGTTTGAAGAGCAGGCCTTTGG
 ACTTGGTGTTTCATCATTGATAGTTCTCGTAGCGTCCGGCCTCTGGAATTCACCAAGGTGAAGACCTTTGT
 CTCCCGCATCATCGACACTCTGGGCATCGGGCCACAGACACGAGGGTGGCTGTGGTGAACATATGCCAGC
 ACTGTGAAGATAGAGTCCAGCTCAACACCTATCCGACAAGCAGGCCCTGAAACAGGCTGTGGCAGGA
 TCACACCTTGTCAACAGGCACCATGTCAAGGGCTAGCTATCCAGACAGCGATGGAGGAAGCCTTCACTGT
 GGAGGCCGGGGCTCGGGGGCCATGTCTAACATCCCAAGGTAGCTATTATCGTGACAGATGGGAGGCCG
 CAGGACCAGGTGAATGAGGTGGCTGCTCGAGCCCGTGCATCTGGCATTGAGCTGTATGCTGTGGGTGTGG
 ACCGGGCAGATATGGAGTCCCTCAAGATGATGGCTAGCAAGCCCTGGAAGAGCACGTCTTCTACGTGGA
 GACCTACGGGGTATTGAGAAGCTTTCTGCTAGATTCCAGGAAACCTTTTGTCTCTGGATCAGTGCATG
 CTTGGCACACACCAGTGTGACACGTGTGTGTCAGCGATGGTACGGCAAGCATCACTGCGAGTGCAGCC
 AAGGCTACACCTTGAACGCTGATGGGAAAACGTGTTTACGCCATTGATAAGTGTGCCCTTAGCACTCATGG
 ATGTGAACAGATCTGTGTCAACGACAGAAATGGCTCTTACCAGTCCGAGTGTATGGAGGTTACGCCTTG
 AATGCAGACAGGAGAACGTGTGCAGCTCTGGACAAATGCGCCTCTGGTACACATGGTTGCCAGCACATCT
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 AACATGTTTCAGTCCGGAACAAGTGTGCTTAGGCACTCATGGCTGCCAGCACATCTGTGTGAGTGTGGA
 GCAGTGGCCTACCACTGTGACTGCTTCCCTGGCTACACCTTGAATGATGACAAGAAGACATGTTCCAGACA
 TTGAAGAAGCCGAAGCCTCATTCCATAGAAGACGCCTGCGGCTGTGGGGCCACGCTGGCATTCCAGGA
 GAAGGTCAGTCCCATCTCCAGAAGCTGAACACCAAACCTTGAACAATTTTGAAGAAGTTGAAAGTAACA
 GAATATGGACAAGTACATCGTTAACTGTGTAACCTCTCGCCTGGAAATGTGGAGGGCTTGATATATGC
 GATTCTCATTCTTGTACGCTATCTGATGTGCCTGCTAATAATCTGCCATTATAAATGCTTAACATTA
 TTTGGTAAACAGTGTGAGGGTTTCTGGAGAACCATATTGTTTTCCAAGGAGATAAATGTGTAGACCCTT
 ATTAAGCAAGTTAATGTCTCATAGCTATGACTGTGAATCATTATAAGATAGAGAGTGAAAAGTTT
 AAGTTTTTGTATCTACTGTTTGGCCATTTAAGTTTAAATTGTTTATATTAGTAAGATGATCTTACTCA
 TAAACTTTAGGTCTATTTTCTCTTGGTCATTTATAATACGAACCAGCCTTACTACCAAGAGTGCAAA
 TTTTATGAAATATTTACACATACAAAGATAAACTAATTAACCTGAGATTTAGAATTGCTTACTATTTTTG
 TTTTTTTTTTTTGGTGAATATTATTAAGCTACAAACAAGGGATTATAATACATGTACCTAAAAATAAT
 TTACACAGACTAAGTGGATGTTATATGACACTTTAATTCATTAATGTCATGGAAATGAACAACCTAAAGA
 GTACTGGCTATGAACCTATGGTGCTAAGATTTTTGCTAAGAGAAAAAATTTTGAATTCTATCATTTTGT
 TTAGCATGCAATTGGCAAAATTACATATTTATAGAATTAATAATAAGTAACAAGTTATAATATTATCT
 TAAAACTGTCAATAAGCCTGATTTTTCACTCAAAATATACTGAATGCATACACTTTTTAAGCGCAGCTC
 ATAACCTTTTAGAACGAAACAATTCTGTAATTTTGTGCTACTTGATCTGTTTTGGTTTTGTATTGTTCTA
 ATATATTAAGTTCCCGTCTTTCTACATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010770

Insert Size: 1446 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: [BC071224](#), [AAH71224](#)

RefSeq Size: 2426 bp

RefSeq ORF: 1446 bp

Locus ID: 17182

UniProt ID: [O35701](#)

Cytogenetics: 12 3.96 cM

Gene Summary: Major component of the extracellular matrix of cartilage and may play a role in the formation of extracellular filamentous networks.[UniProtKB/Swiss-Prot Function]