

Product datasheet for **SC303189**

MATN1 (NM_002379) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MATN1 (NM_002379) Human Untagged Clone
Tag:	Tag Free
Symbol:	MATN1
Synonyms:	CMP; CRTM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

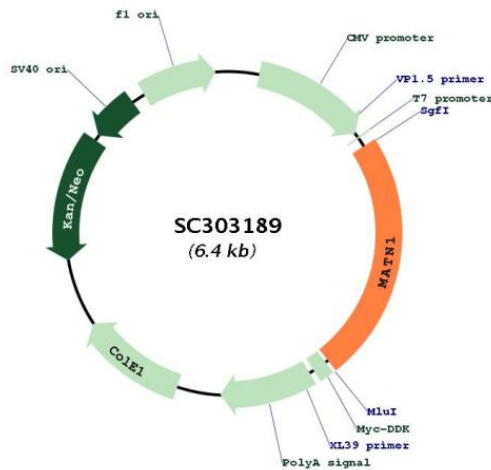
Fully Sequenced ORF: >SC303189 representing NM_002379.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGGGTCTCTCTGGCACTAGCCTCATGTCTGCAGCCTGCTGCTGCTGCCAGGCCCTGTGCAGC
CCTGGCCTCGCCCCAGTCCAGAGGCCATCTCTGCCGACCGGCCACAGACCTGGTGTTTTGTGTC
GACAGCTCTCGCAGCGTTTCGGCCTGTTGAATTTGAGAAAGTGAAGGTATTCTGTCCCAGGTCATCGAG
TCGCTGGACGTGGGGCCAATGCCACCCGGGTGGGCATGGTCAACTATGCCAGCACCGTGAAGCAGGAG
TTCTCGTGC GGCTCATGTCTCCAAGGCCGACTGCTGCAGGCTGTGCGCCGTATCCAGCCGCTGTCC
ACAGGCACCATGACCGCCTGGCCATCCAGTTCGCTATCACAAAGCCTTCGGCGATGCAGAGGGTGGT
CGTTCCAGGTCCTGACATCAGCAAGGTGGTCATCGTGGTGACAGACGGGAGGCCCCAGGACAGCGTG
CAGGACGTGTCTGCGGGGCCGGCCAGCGCGTTCGAGCTGTTCCGCATCGGAGTGGGCAGCGTGGAC
AAGGCCACGCTGCGGCAGATCGCCAGCGAGCCGAGGACGAACACGTGATTACGTGGAGAGCTACAGC
GTCATCGAGAAGCTGTCCAGGAAGTTCAGGAGGCCTTCTGCGTGGTGTGACACCTGTGCGCCACAGGG
GACCATGACTGTGAGCAGGTGTGCATCAGCTCCCCGGTTCCTACACCTGCGCCTGCCACAGGGCTTC
ACTCTGAACAGCGACGGCAAGACCTGCAATGTCTGCAGTGGTGGTGGTGGCAGCTCGGCCACTGACCTG
GTCTTCTCATTGACGGATCCAAGAGTGTGAGGCCAGAGAAGCTTTGAGCTGGTGAAGAAGTTCATCAGT
CAGATCGTGGATACGCTGGACGTGTGAGACAAGCTGGCCAGGTGGGGCTGGTGCAGTACTCAAGCTCT
GTGCGCCAGGAGTTCCCCTGGGTGCTTCCACACCAAGAAGGACATCAAGGCGGCTGTGCGGAATATG
TCCTACATGGAGAAGGGCACAATGACTGGGGTGTCTCAAGTACCTCATTGACAATTCCTTCACTGTG
TCCAGTGGGGCTAGGCCGGGGCCAGAAGGTGGCATTGTCTTCACTGATGGCCGGAGCCAGGACTAC
ATTAATGATGCTGCCAAGAAGGCCAAGACCTCGGCTTTAAGATGTTTGTGTTGGTGTGGCAATGCC
GTGGAGGATGAGCTGAGGGAAATAGCCTCAGAGCCTGTGGCAGAGCACTACTTCTACACGGCTGACTTC
AAGACCATCAACCAGATAGGCAAGAAGTTGCAGAAGAAGATCTGTGTGGAGGAAGACCCGTGTGCCTGC
GAGTCCCTGGTGAATTCGAAGCCAAAGTGGAGGGGCTGCTGCAGGCCCTGACCAGGAACTGGAAGCT
GTGAGTAAGCGGCTGGCCATCCTGGAGAACACAGTTGTCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_002379

Insert Size:	1491 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).
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:	<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_002379.3
RefSeq Size:	3830 bp
RefSeq ORF:	1491 bp
Locus ID:	4146
UniProt ID:	P21941
Cytogenetics:	1p35.2
MW:	53.7 kDa
Gene Summary:	This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with variety of inherited chondrodysplasias. [provided by RefSeq, Jul 2008]