

Product datasheet for **RN211118**

Matn1 (NM_001006979) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Matn1 (NM_001006979) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Matn1
Synonyms:	MGC95132
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211118 representing NM_001006979
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGTCACCTCTGGTCCAGCCTTTGGACTCTGTAGCCTGATGCTCCTGCTGCTACAGGTCCTG
 GTAGCCTCGGTCTTGCTCCAGCCAGAGGTCACCTCTGCCGGACACGACCACGGACCTGGTCTTCGT
 TGTTGATAGTTCTCGCAGTGTGAGACCCGTGGAGTTTGAGAAGGTGAAGGTGTTCTGTCCAGGTCATT
 AAGTCACTGGATGTGGGGCCCAATGCCACGAGGGTGGGCTTGGTCAACTACGCCAGCACTGTCAAGCCGG
 AGTTCCCACTTCGGGCCACACCTCCAAGGCGTCGCTGTACAGGCTGTGCACCGCATCCAGCCGCTGTC
 CACGGGCACCATGACTGGCCTGGCGCTGCAATTCGCCATACCAAGGCCCTTGAGTGACGCTGAGGGGGG
 CGCTCCAGATCTCCGACATCAGCAAGGTTGTCATCGTCGTGACTGATGGGAGGCCTCAGGACAGTGTGC
 GGGACGTGTCTGAGCGCGCGAGCCAGTGGCATCGAGCTGTTGCCATCGGCGTGGGCCGCTGGACAA
 GGCTACACTGAGACAGATCGCTAGCGAGCCGAGGATGAGCACGTGGATTACGTGGAGAGCTACAATGTC
 ATCGAGAAGCTGGCCAAGAAGTTCCAAGAGGCCTTTTGGCTGTCAGACCTGTGTGCCACAGGGGACCACT
 ATGTGAGCAGGTGTGCGTCAGCTCTCCAGGCTCCTACACCTGTGCCTGCCATGAGGGCTTCACCCTGAA
 CAGCGATGGAAAGACCTGCAATGTCTGCCGAGGCGGTGGAAACGGCTCAGCCACTGACCTGGTCTTCCTC
 ATTGACGGATCCAAGAGTGTGCGCCTGAGAACTTTGAGCTGGTGAAGAAGTTTCAACCAAGATTGTGG
 ATACTCTAGATGTGTCGACAGGCTGGCCAGGTCGGGCTGGTACAGTACTCAAGCTCTATACGCCAGGA
 GTTCCCGCTTGGTCGCTCCACACCAAGAAGGACATTAAGGCCGCTGTGAGGAACATGCTCTACATGGAG
 AAGGGCACCATGACAGGCGCCGCCCTGAAGTATCTCATAGACAATTCCTTCACTGTGTCCAGCGGGGCAA
 GGCCCGGAGCCCAAGAAGGTGGGCATCGTCTTCACTGATGGCCGGAGCCAGGACTACATTAATGACGCTGC
 CAGGAAGGCCAAGGACCTTGGCTTTAAGATGTTTGGCCGTGGGTGTGGGCAATGCTGTGGAAGAGGAGCTG
 AGGAAAATTGCCCTCAGAGCCAGTGGCCGACCACTACTTTTACACAGCCGACTTCAAGACCATCAACCAGA
 TTGGCAAGAAGTGCAGAAAAAATCTGTGTGGAGGAAGAAGACCCGCTGTGCCTGTGAGTCCATAGTGAG
 GTTTGAGGCCAAGGTGGAGGGTCTGTTGCAGGACCTGACCAGGAAGCTGGAAGCTGTGAGCAAACGGCTG
 GCTGTCTGGAGAACAGAGTCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001006979
- Insert Size:** 1497 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_001006979.1](#), [NP_001006980.1](#)

RefSeq Size: 1905 bp

RefSeq ORF: 1497 bp

Locus ID: 297894

Cytogenetics: 5q36