

Product datasheet for **RN203699**

Matn3 (NM_001108013) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Matn3 (NM_001108013) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Matn3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203699 representing NM_001108013 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGTTCTCAGCCCTTACGCAACCTCCCGGGACTTCTGCTGCTGCTCTGGCCGCTGTTACTCCTGC
CGCCCCGGCTGCTCCTGGACGTTTGACCCGCGGAGTGTCCGCCGACTGGGACAAGAGTCCCCGGGG
CAGCCCTGGGCATTTCTCTGCTCGGGCTACTTCCACCCGCGCCATATTCGGGGTCCGTGGCTCAGGT
GTTTGCAAGAGCAGGCCCTTGGACTTGGTCTTTATCATCGACAGTTCTCGTAGCGTCCGGCTCTGGAAT
TCACCAAGGTGAAGACCTTGTCTCCCGCATCATTGACACTCTGGACATCGGGGCCACAGACACGAGGGT
GGCTGTGGTGAATATGCCAGCACCGTGAAGATAGAGTCCAGCTCAACACCTATTCAAATAAGCAGGCC
CTGAAACAGGCTGTGGCACGGATCACACCCTTGTCAACCCGACCATGTCAGGGCTAGCTATCCAGACAG
CAATGGAAGAAGCCTTACCCTGGAGGCTGGAGCTCGGGGGCCACATCTAACATCCCAAAGGTAGCTAT
TATCGTGACAGATGGGAGCCCCAGGACAGGTGAATGAGGTGGCTGCCGAGCCCGGCATCTGGCATT
GAGCTGTACGCTGTGGGTGTGGACCGGCAGATATGGAGTCCCTCAAGATGATGGCTAGCAAGCCCCTGG
AAGATCACGTCTTCTATGTGGAGACCTATGGGGTCATTGAGAAGCTCTCGGCTAGATTCCAGGAAACCTT
TTGTGCTCTGGACCAGTGCATGCTTGGCACACACCAGTGTGAGCAGTGTGCGTCAAGATGGTGTGATGGC
AGGCATCACTGCGAATGTAGCCAAGGGTATACCTTGAACGCTGATGGGAAAACGTGTTACGCCATTGATA
AGTGTGCCCTCAACACTCATGGATGTGAACAGATCTGTGTCAACGACAGAAATGGTTCTTACCACTGCGA
GTGCTATGAAGGGTACACATTGAATGCAGACAGGAAAACATGTGCAGCTCAGGACAAATGCGCCTTGGGT
ACACACGGTGGCCAGCACATCTGTGTGAATGACGGAGCCGGTCCCATCACTGTGAATGCTTTGAAGGCT
ACACTCTGAATGCAGATAAGAAGACATGTTTCAGTCCGAGACAAGTGTGCTCTGGGACTCATGGCTGCCA
GCACATCTGTGTGAGCGATGGAGCAGTGCCTACCACTGTGACTGTTCCCTGGCTATACCTTGAATGAT
GACAAGAAGACATGTTTCAGACATTGAAGAAGTCCGAAGCCTCATTCTATAGAAGATGCCGTGACAGCTGTG
GGCCACACTGGCATTCCAGGAGAAGGTCAGCTCCCATCTCCAGAAGCTGAACACCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108013
Insert Size:	1392 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:	<u>NM_001108013.1, NP_001101483.1</u>
RefSeq Size:	2003 bp
RefSeq ORF:	1392 bp
Locus ID:	313954
Cytogenetics:	6q14