

Product datasheet for **RN200888**

Mnat1 (NM_153472) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mnat1 (NM_153472) Rat Untagged Clone
Tag: Tag Free
Symbol: Mnat1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200888 representing NM_153472
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGACCAGGGCTGCCCCAGGTGTAAGACCACCAAATACCGAACCCCTTCTTTGAAGCTGATGGTGA
ACGTGTGGCAGACACACTGTGTGAGAGTTGTGTGGACTTACTGTTTGAAGAGGAGCTGGAACTGTCC
GGAGTGTGGCACTCCACTGAGAAAGAGCACTTTAGGGTACAGCTCTTTGAAGATCCCACTGTTGACAAG
GAGGTTGAAATTCGAAAAAAGTACTAAAGATATACAATAAAAGGAAGAAGATTTTCTAGTTTAAAGAG
AGTATAATGATTTTCTGGAAGAAGTGGAGAAATCGTTTTCAATTTGACCAACAACGTGGATTTGGAGAA
CACTAAAAAGAAAATGGAATATATCAAAAAGAAAACAAAGATGTCATTGAGAAAAATAAATTAAGCTG
ACTCGGGAGCAGGAGGAATTGGAGGAAGCATTGGAGGTAGAACGCCAAGAAAGTGAACAACGACGACTGT
TTATTCAAAAGGAAGAAGAGCTGCAGCAGATTCTGAAAAGGAAGAACAAGCAGGCCTTTTTAGATGAGCT
GGAGAGCTCCGACCTCCCTGCTGCTCTGGCTCAGCATAAAGACAGATCTACCCAGCTGGAAATG
CAGCTTGAGAAGCCCAAATCCATGAAGCCGGTACATTTCCACAGGAATTAATGGGTCAACAGATTT
CGTTAGCACCAATCCAAAAGCTTGAGGAAGCTCTCTATGAATACCAGCCCTGCAGATAGAGACCTGTGG
ACCCCAAGTTCCTGAACAAGAGCTGCTAGGAAGACTTGGGTATTTGAACACGCTCCGAGCTGCATCTCCA
CAGGATCTAGCTGGCGGTATACTTCTTCTTGTGCTTGTACAGAGCGCTACAGGATGCATTCAGTGGGC
TTTTCTGGCAGCCAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153472
Insert Size: 930 bp



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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_153472.2</u> , <u>NP_703202.1</u>
RefSeq Size:	1334 bp
RefSeq ORF:	930 bp
Locus ID:	266713
Cytogenetics:	6q24
Gene Summary:	may play a role in growth of cardiac myocytes [RGD, Feb 2006]