

## Product datasheet for RN203952

### Mnda (NM\_001012029) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mnda (NM_001012029) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mnda
Synonyms:	lfi204; rHin-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203952 representing NM_001012029 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCAAATGAATATAAGAGAATCGTTCTGTTGAAAGGACTTGAACCTCTCAGTAGTCATCATTTTAGCT  
TATTTAAGTCATTGCTGGCCAGTGATTTAAAACGGAGAGACACATGCAGGAGCAATACACCAAGGTCCA  
GATTGCTGACATGATGGAAGATGAATCCAGATGATGCTGGATTGGCAAATTCATCAAATTTGTGAA  
GACTTACCAGCTCTAGAAAACGTGCTGAAATCTTAAAAGAGAGAGAATACAAGTAAGAGGAGAAACCC  
CACGGGAAATAAATAGGCGAGAACCAGGTCCGTCAAGACCTTCATCAACTGCAAGCCATATGATAGTGTC  
TGAAGGATGGGAGACTTCCACAGCTCAGGCAGAGACCTCCACAGCTCAGGGAGAGCCTTCTACAGCTCAG  
AAAAGAAAAAGTATGAGCGAAGGAAAGACTGAAGTAAAAAGACCAAGGCATCAGAGAGACCAGATCAGC  
CTCCCTGTCTGAAGAAGCCACAGCCAAGTGTCTGTCCACCAATACCCAGACTTCGTCTTTGGCTCCATG  
TAACTCTCCTTTGGCTAAGTGTTCAATGGAGAACCAAAATATACAGACCCAAAACCAGAATCCCAAG  
GGCGCTGTTCTCAAACAGAACCCTGACAGTGATGGTGCTCAAAGCAACAGACCCATTTGAATATGAAT  
CAGCAGAACATGGAGTGAAGAACATGTTTCTTGCTACAGTGGTTACTGTAGACCGGTATTTCCATGTGAA  
AGTTTTCAACAGCAACTGAAAGAGAAGTTCAAAAAAATAATTTTATCATCATTTCCAATTACTCAAG  
AGGACAGACATCCTAGAGATCAATGAAGCTTCCCTTGTGTGAGAGGCTGCTCCTGACAAAAAGATTGCAG  
TGCCCAACAAACGTATCAAAGAGGCAAAAAATCTCCTAAAATCCGTGATATTAAGAGGGTACTTCAAG  
GGATCTGTTTTATGGAGTGTTCATTAATCAAGAAAAAGTGTGCCAAAGAACACAATCTATGAACTA  
AAAGATGATACAGGAAATATAGAAGTGGTGGGAGTGGAAAAATGGTACAACATCAACTGTAAACGAAGGAG  
ATAACTTCAACTCTTCTGCTTTCACCTGAAAACAATTGACAGGCAACAAAAATAGTGTGTGGAAAGCA  
CAGTTTTATCAAGGTCACCAGAGCTCGGAAAAAAGGAAGCAGCCACTGCCATCCAAGCACAAAAAAG  
GAAGAAGGAACTCACTACCTAAAGACAATTCATGCTTTTAAAGAAGAGAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001012029
<b>Insert Size:</b>	1317 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001012029.1</a>, <a href="#">NP_001012029.1</a></u>
<b>RefSeq Size:</b>	1768 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	304988
<b>Cytogenetics:</b>	13q24