

## Product datasheet for **RN207389**

### Muc20 (NM\_001107089) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Muc20 (NM\_001107089) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Muc20  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN207389 representing NM\_001107089  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGAGCTCTGTCTGGGGCTGGCTGTACCGCTCCTTGCTTCTACTGGAAGTTGGAGTCAGTGTGA  
 GCTCTCCAGGGACATTGGCACCAAGTGACAGCCCCAGAGCTGGGATGACCACTGTCAAAGCTGGCACAGT  
 GAGTGACCCCATAGAAGCCGCTCTTGGCACCCCTTGTACTGATGACAGCTCTGAAGAGACAAGGAAGATC  
 ACAATTGACCTCCTGACTTTGGCACACCCCTCCATGGGAGTGGAGCAGCTGTCTTCAGAGAGCAGCTCCT  
 CCTCTGACAGCTCAGCTGGGGTCTCAGCAGCTCTCAGGCCCTGGGACCCGACAGTACAACCTCCAGCCAA  
 GGACTCAGTTGCCTTCAGCATCTCCCATATTAAGCTCACCACTGCATCACGAAATAGAAAACAACCATC  
 ACCATCTCTGGGACCCAGACGCGAGCCGAGCCCTGCAGAAGCAATGACAGCTTATCTGCTTCTGAGA  
 TGTTAACTTTGCCTCCACTGAGGCAAAGCCAGTTGTCCCTAAGACCACAAGCTCATCTGGGATCCT  
 GTCAACTGCCACTACCCTGGCCCTTGCACCACCCTTGAGGGTACTCCCTGCTAGTGAATCACAGAA  
 AGCGAAATAGCAGTGGCCAGACTCCTACCTCCAGTGGAACTTCGGCTACAGGAGGAACCCAGGTGACAG  
 TTAGAAGGAACCCACTGGAAGACTTTCAGCACTCTCTAGTGAGACACAAAGCCACTGAGTTTTTTGG  
 TACCATCACAGTCCCCACGGTTGCTGGATCAACAGTAGGAGAAGCAACCTCTCTGTGAGTCCACAGCT  
 CTAGACAGCAGTCTCTCAGCAGTGGTACCACCAAGGGCTCTGCTTCTCAGAGACTTTAACACAGACA  
 ATACAACCAACAGCTCCTTCTCACAGGGAGTCGCCCTCCTTCTTAATCTATTGACAACAGCTAGCAC  
 CAGTGAAGAACAACAGTCACTTTAACCAAGACCACAGCCTCACCGAAGACCCCGATGAATCCCGCACCC  
 ACTGCTTGGACAAGGAAAACACAGAGCACGATCCAGGTATAAATGGAGGCTTCTCCTTGTACGGCTGA  
 CCGTGGCTCCCTAAGGACCTCACTGAGCAGTCAACAGAGAGAAGCTGATGCACCAGCTCCGCGGTGA  
 ACTGCACACCCATATGCCACTTGTCCAAGTGTCCCTTACTGAGCATCAGGAGGAGC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001107089
<b>Insert Size:</b>	1248 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_001107089.2</a></u> , <u><a href="#">NP_001100559.1</a></u>
<b>RefSeq Size:</b>	1576 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	303886
<b>Cytogenetics:</b>	11q22