

## Product datasheet for **MC219166**

### **Muc13 (NM\_010739) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Muc13 (NM_010739) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Muc13
Synonyms:	14/A10; 114/A10; AI159736; Lrrp; Ly64; NJ-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219166 representing NM\_010739  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAAGGCTTCCTGCTTCTCTCTCAGTCTCCTTTGGTGACCGTGGGTAGTTCATCTCAGGCCTCTA  
 GTACAACATCGTCTTCTGGTGGCACCAGTCTCCACCACAGTACAAAGTCAATCTCCAGGTAGTTCATC  
 TCAGGCCTCTACTACAACATCGTCTTCTGGTGGCGCCAGTCTCCACCACGGTACAGAGTCAATCTCCA  
 GGTAGTTCATCTCAGGCCTCTACTACAACATCGTCTTCTGGTGGCGCCAGTCTCCACCACGGTACAGA  
 GTCAATCTCCAGGTAGTTCATCTCAGGCCTCTACTACAACATCGTCTTCTGGTGGCGCCAGTCTCCAC  
 CACGGTACAGAGTCAATCTCCAGGTAGTTCATCTCAGGCCTCTACTACAACATCGTCTTCTGGTGGCGCC  
 AGTCTCCACCACGGTACAGAGTCAATCTCCAGGTAGTTCATCTCAGGCCTCTACTACAACATCGTCTT  
 CTGGTGGCGCCAGTCTCCACCACGGTACAGAGTCAATCTCCAGGTAGTTCATCTCAGGTCTCTACTAC  
 AACATCGTCTTCTGGTGGCGCCAGTCTCCACCACGGTACAGAGTCAATCTCCAGGTAGTTCATCTCAG  
 CCCGACCAACTCAGCCTTCTGGTGGTCCAGCTCTCCACCGTCCAGCGGTGGAAGCACAGGTCCCA  
 GTGATCTCTGCAACCCTAACCCCTGTAAGGAAGTCTTCTTGTGTTAAGCTGCATAGCAAACACTTCTG  
 CTTGTGTTTAGAAGGCTATTACTACAACCTCGTCTCTGTGTCATGTGTGAAAGGAACGACATTCCTGGG  
 GACATTAGCATGAGTGTGTCTGAAACAGCCAACCTGGAAGATGAAAACCTCTGTGGGCTATCAAGAGTTGT  
 ACAACAGTGTTACCGATTTTTTTGAAACAACATTTAATAAGACTGACTATGGACAGACTGTAATTTAA  
 AGTGAGCACAGCCCTTCACGGTCAGCAAGATCTGCAATGCGTGATGCTACAAAGGACGTCAGTGTATCC  
 GTAGTAAATATATTTGGAGCAGACACAAAAGAACTGAAAAGAGTGTATCTTCTGCAATCGAAACTGCAA  
 TTAAGACTAGTGGCAATGTGAAAGACTATGTCAGTATAAATTTGTGTGATCATTATGGTTGTGAGGGAA  
 TGACAGCAGTAAATGCCAGGACATTTTACAATGCACGTGCAAACCTGGGCTGGACAGGCTGAACCCACAG  
 GTTCTTTTTGTGTGCTGTAACGTGCTCTCAGCCCTGCAATGCAGAGGAGAAGGAGCAGTGTCTAAAGA  
 TGGATAACGGAGTAATGGATTGTGTGTGCATGCCGGGCTACCAGAGGGCAAACGGGAACAGGAAGTGTGA  
 AGAGTGTCCATTTGGCTACAGCGGGATGAATTGCAAAGACCAATTTAGCTGATCCTCACCATCGTGGGC  
 ACCATTGTGGAGCCCTCATCCTCATCTTGCTGATTGCTTTTATCGTCTCTGCGAGGTCAAAGAACAAAA  
 AGAAGGATGGAGAAGAGCAGAGGCTGATTGAGGATGACTCCATAACCTACGACTGAGGCAGACCGGCTT  
 CTCCAACCTAGGAGCGGACAACAGCATCTCCCCAAAGTCAGAACAGGGGTCCCGAGTCAGACCCCTAAT  
 CCCTACGCAAACAGCGAAGCATGCCTCGCCCTGACTAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_010739
- Insert Size:** 1722 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\\_010739.2](#), [NP\\_034869.1](#)

**RefSeq Size:** 2969 bp

**RefSeq ORF:** 1722 bp

**Locus ID:** 17063

**UniProt ID:** [P19467](#)

**Cytogenetics:** 16 B3

**Gene Summary:** Epithelial and hemopoietic transmembrane mucin that may play a role in cell signaling.  
[UniProtKB/Swiss-Prot Function]