

Product datasheet for **MC206475**

Muc1 (BC005441) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Muc1 (BC005441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Muc1
Synonyms:	EMA, CD227
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC005441
 GTTTTCTAGCCCTTCCCCTGTTACCACCACCATGACCCCGGGCATTGGGGCTCCTTTCTTCTGCT
 GCTACTTCTAGCAAGTCTAAAAGTTTTCTTGCCCTTCCAAGTGAGGAAAAACAGTGTACCTCATCTCAG
 GACACCAGCAGTTCCTTAGCATCGACTACCACTCCAGTCCACAGCAGCAACTCAGACCCAGCCACCAGAC
 CTCCAGGGGACTCCACCAGCTCTCCAGTCCAGAGTAGCACCTCTTCTCCAGCCACCAGAGCTCCTGAAGA
 CTCTACCAGTACTGCAGTCCCTCAGTGGTACCTCCTCCAGCCACCACAGCTCCAGTGAAGTCTGCCAGC
 TCTCCGGTAGCCCATGGTGACACCTCTTCCAGCCACTAGCCTTTCAAAGACTCCAACAGCTCTCCAG
 TAGTCCACAGTGGCACCTCTCAGCTCCGGCCACCACAGCTCCAGTGGATTCCACCAGCTCTCCAGTAGT
 CCACGGTGGTACCTTGTCCCCAGCCACCAGCCCTCCAGGGGACTCCACCAGCTCTCCAGACCATAGTAGC
 ACCTCTTCTCCAGCCACCAGAGCTCCCGAAGACTCTACCAGTACTGCAGTCCCTCAGTGGCACCTCTCCC
 CAGCCACCACAGTCCAGTGGACTCCACCAGCTCTCCAGTAGCCCATGATGACACCTCTTCCAGCCAC
 TAGCCCTTCAAGACTCCGCCAGCTCTCCAGTAGTCCACGGTGGCACCTCGTCCAGCCACCAGCCCT
 CTAAGGGACTCCACCAGTCTCCAGTCCACAGTAGTGCCTCCATCAAAAACATCAAGACTACATCAGACT
 TAGCTAGCACTCCAGACCACAATGGCACCTCAGTCAACTACCAGCTCTGCACTGGGCTCAGCCACCAG
 TCCAGACCACAGTGGTACCTCAACTACAATAACAGCTCTGAATCAGACTTGGCCACCCTCCAGTTTAC
 AGTAGCATGCCATTCTCTACTACCAAAGTGACGTGAGGCTCAGCTATCATTCCAGACCACAATGGCTCCT
 CGGTGCTACCTACCAGTCTGTGTTGGGCTCAGTACCAGTCTAGTCTATAATACCTCTGCAATAGCTAC
 AACTCCAGTCAGCAATGGCACTCAGCCTTCCAGTCCCAAGTCAATACCCTGTTTCTCCTACCATGGCCACC
 ACCTCCAGCCATAGCACTATTGCCAGCAGCTCTTACTATAGCACAGTACCATTTTCTACCTTCTCCAGTA
 ACAGTTACCCCGAGTTGTCTGTTGGGGTCTCCTTCTTCTTGTCTTTTACATTCAAACCACCCATT
 TAATCTTCTCTGGAAGACCCAGCTCCAATACTACCAAGAAGTGAAGAGGAACATTTCTGGATTGTTT
 CTGCAGATTTTTAACGGAGATTTTCTGGGGATCTTAGCATCAAGTTCAGGTCAGGCTCCGTGGTGGTAG
 AATCGACTGTGGTTTTCCGGGAGGGTACTTTTAGTGCCTGACGTGAAGTCAAGCTTATACAGCATAA
 GAAGGAGCAGATGACTATAATCTGACTATTTCAAGAGTCAAAGTGAATGAGATGCAAGTCCCTCCCTCT
 GCCAGTCCCGGGCCGGGGTACCAGGCTGGGGCATTGCCCTGCTGGTGGTCTGTATTTTGGTTGCTT
 TGGCTATCGTCTATTTCTTGGCCTGGCAGTGTGCCAGTCCCGCCGAAAGAGCTATGGGCAGCTGGACAT
 CTTTCAAACCCAGGACACCTACCATCCTATGAGTGAATACCCTACCTACCACACTCACGGACGCTACGTG
 CCCCTGGCAGTACCAAGCGTAGCCCTATGAGGAGGTTTCGGCAGGTAATGGCAGTAGCAGTCTCTCTT
 ATACCAACCCAGCTGTGGTGACCACTTCTGCCAATTGTAGGAGCAAGTCAACCCACCCACTTGGGGCAG
 CTTTGGCGGTCCGCTCCCTCAGTGGTCACTGCCAGACCCCTGCACTCTGATCTGGGCTGGTGGCCAGGA
 CTTCTGGTAGGCTGTTTCATGCCCTTTGTCAAGCGCCTCAACTACGTAAGCCTGGTGAAGCCAGCCCTGC
 CCTGGGGGACACTGGGGCAGTTAGTGGTGGCTCTCAGAAGGACTGGCCTGGAAAACCTGGAGACAGGGATG
 GGAACCCAAACATAGCTGAATAAAGATGGCCTCCTGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA

- Restriction Sites:** EcoRI-NotI
- ACCN:** BC005441
- Insert Size:** 1896 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: [BC005441](#), [AAH05441](#)

RefSeq Size: 2242 bp

RefSeq ORF: 1896 bp

Locus ID: 17829

Cytogenetics: 3 39.02 cM

Gene Summary: The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack.[UniProtKB/Swiss-Prot Function]