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Product datasheet for MC225400

Muc5ac (NM_010844) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Muc5ac (NM_010844) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Muc5ac
Synonyms:	2210005L13Rik; MGM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225400 representing NM_010844 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGTGTCGGCCGGAGAAAGTTGGTCCCATTCTGGGTCCTAGCCCTGGCCCTGGCCTGCAGCCAATGCA CAGGCCAGGCTCAACAGGACTCTCTGAAATCGTACCATGAACACCGCTCTGATGTTCCTCACCCTCAAGG GCATGTTGGTACCCCACTCAATAGGGTGACCATCATCCCACCTCTGAAGACCATCCCTGTGGTACGAGCC TTCAACCCAGGACATACCAGGCGGGTGTGCAGCACATGGGGCAACTTCCACTACAAGACCTTTGATGGAC AGGTCTTCTACTTCCCTGGTCTCTGCAACTATGTGTTCTCTGCACACTGTGGGGATGCCTATGAGGACTT CAATATCCAGCTACGCCGTGTCCAGGAGTCTAATACCACCACTCTGAGTAGGGTCACCATGAAGCTTGAT GGCCTAGTTGTTGAGCTGACCAAGAGCTCCGTCTTAGTCAATAACCACCCGGTCCAGCTGCCCTTTAGCC AGTCTGGGGTCCTCATTGAGCTCAGCAATGGCTACCTGAAGGTGGTGGCTAGGCTGGGGCTGCTCTTCGT GTGGAACGAGGATGACAGTCTTCTGCTGGAGTTGGACACCAAATATACCAACAAGACTTGTGGTCTCTGT GGAGACTTCAACGGCAGTCCAAAATCCAACGAGTTCCTCTCCAACAATGTTAGGCTGACACCCCTTGAGT TTGGGAACCTTCAGAAGATGGACGGCCCCACAGAGCAGTGCCAAGACCCCCTCCCTGTGCCCCAGAAGAA CTGCTCCGCCAGATCTGGTATCTGTGAAATGATCCTAAAAGGTGAGCTGTTCTCAGGCTGTGCGGCCCTG GTGGACATCAGCAGCTACGTGGAGGCTTGCCGGCAGGACGTCTGTCTCTGTGAGAGCTTGGACCCGTCTG ACTGCATCTGCCATACCCTCGCTGAGTACTCCCGGCAGTGTGCACATGCTGGAGGGCAGCCCCAGGACTG GCGGGGCCCCAACCTCTGCTCCCAGACATGTCCCCTCAACATGCAGCACCAGGAATGTGGCTCACCCTGT GTGGACACCTGCTCCAACCCCCAGCATTCCCAGGTCTGTGAGGACCACTGTATTGCTGGCTGCTTCTGTC CTGAGGGTATGGTGCTTGATGACATTAATCAGATGGGCTGTGTTCCTGTGTCCCAGTGTGCCTGCCTGTA CAATGGGACACTTTATGCACCGGGTACCAATTACTCTACTGACTGCACCAACACATGTTCTGGAGGGCAG TGGAGCTGCCAGGACATCCCCTGCGCTGGCACCTGCTCAGTAATGGGAGGCTCCCACATGTCCACATTTG ATGGAAGGCAGTACACAGTACATGGGGACTGCACCTATGTGCTGAGCAAGCCTTGTGACAGTAATGCCTT CACTGTGCTGGTTGAGCTGCGAAAGTGTGGACTGACGGAAAGTGAGACTTGTCTGAAGACTGTGACATTG AACCTGGGTGGGGGGCAGACGGAGATCATGGTGAAAGCTACTGGAGAGGTCTTTGTGAACCAGATCTACA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010844

Insert Size: 8256 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_010844.1, NP_034974.1
RefSeq Size:	8505 bp
RefSeq ORF:	8256 bp
Locus ID:	17833
Cytogenetics:	7 87.23 cM