

Product datasheet for MC223663

Nutm1 (NM_172521) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nutm1 (NM_172521) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nutm1
Synonyms: 4932438M10; Nut
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223663 representing NM_172521
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCATCAGATGGAACCTCTCCATTACCAGGACCAGATATGTCCATGAAACCTGGCACTGGCCTGTCCC
 CTTTCAGTGCCTTCCTTTGGCCACCTCCTCCTGTTCCACCAGATCAACCCCTCTGGGAGCCATCACC
 ACAGCCCCCTATACCTCCTGTCTTCTCTCAAGCAATCCTCTGCTCCTTTCTGCTTTCCCAGCCCATTG
 TTGGTGACAGGAGAAGGAGGCCCTGGCCCCAGTGTGGCTGGAACCTGGCCAGGTCATTGTCAAAGTCAAGA
 CTGATGTGGGGCCAGCTGAGTCCTCTCAAACCCAGAACCTTATAGTTACTCAGACTGCCCTAAACTGGAT
 TCCTCAGGGGCTCCTTGTGGGAGCCAGGAGGGGCTCCTCCTCCTCGGTATGTGACCGCTCTAATGTG
 AAGACCATCCTGCCTGTGTAGCAGTTGGAGTGAGCCAGGAGGGCCTTGCAGGACTTCTCTGCAGGTCC
 TACCACCAGCTGCCAACTGGCTCCCATTTGTGCCCTGGAAAAGCCCTGGCCAGGAACACAAGCAACAAC
 CATGGAAGGAGGCCCGTGGCTGCTCGGAAGCCCTCTCAAGGTGACCTTGCCATGCTTCCAAGGGTGT
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 GGAGGAGGACTGCCGAGGGCTCTGCAGGAATGGGAGCGGACCAGCAACTTTGACCGGATGATCTTTTAT
 GAGATGGCAGAGAAGTTCATGGAGTTTGTAGGCCGAGGAAGAAACACAGATACAGAATGCACAGTTGATGA
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 AAACCTCAAAGGCCTCCTGTTCCCAGGACCCAAAGAGATCCCACCTGAAGCTGTGCAAGAATATGTTG
 ACATCATGGATGGGCTGATGGGAAGCTACGTGGACTGGGAAGACAGAAGAGGAGGAGGGGGCAGCA
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 ACGACTCTTGGCCTTGGAGGAGGAAGATGCACAGACACCTCCAAGTTGCAGCGGAGCTCAGTCAGACTCA
 AGTCTTCTGTTCTGATGAAGATGAAGACGGGGTCAAAGCGCTCGGCCCTCACCTGGGCTTCAGGGGG



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CTGCGGGCATTGTTTCGCATTGGAAAATCTGCTTCTCCAGGCAAGCAGGCAAGAGAAATACATGGTGGGCA
GGAACAAACACTAGGTGGTCCAGCGGGGATTACAAGGATGAAAATAATCTGCCATCCCCTAGCAGCTGG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172521
- Insert Size:** 3381 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_172521.1](#), [NP_766109.1](#)

RefSeq Size: 3731 bp

RefSeq ORF: 3381 bp

Locus ID: 213765

UniProt ID: [Q8BHP2](#)

Cytogenetics: 2 E3

Gene Summary: Plays a role in the regulation of proliferation. Regulates TERT expression by modulating SP1 binding to TERT promoter binding sites.[UniProtKB/Swiss-Prot Function]