

Product datasheet for **RN209821**

Nutm1 (NM_001108957) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nutm1 (NM_001108957) Rat Untagged Clone
Tag: Tag Free
Symbol: Nutm1
Synonyms: Nut; RGD1564529
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209821 representing NM_001108957
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCATCAGATGGATCCTCTCCATTACCAGGACCAGATATGGCCATGAAACCTGGTACTGGCCTGTCCC
 CTTTCAGTACACTTCCCTTTGCCACCTCCTCCATTCCACCAGACCAATCCCTCTGGGAGCCATCACC
 ACAGCCCCCTATACCGCCTGTCTTCTCTCCAGGCAATCCTCTGCTCCTTTCTGCTTTCCCAGCCCATTG
 TTGGTGACAGGAGAAGGAGGCCCTGGCCCCAGTGTGGCTGGAACCTGGCCAGGTCATTGTCAAAGTCAAGA
 CAGATGTGGGGCCAGCTGAGTCCTCAAACCTCAGAACCTTATAGTTACTCAGACGGCCCTAAACTGGAT
 TCACTCAGGTGCTCCCTGTGGGAGCCAGGAGGGCCCTCCTCCTCGATATGTGACAGCCTCTAATGTGAAG
 ACCATCCTGCCTGCCGTGGCTGTTGGAGTGAGCCAGGAGGGCCCTGCAGGACTTCCCCTGCAGGTA
 CACCAGCTGCCAGCTGGCTCCCATTGTGCCCTGGAAAAGCCCTGGCCAGGAACACAAGCAACAACCAT
 GGAAGGAGGTCTGTGGCTGTTCCGAAGCCCTCAAGGTGATCTTGCCTATGCTTCCAAGGGCGTTTAT
 GAGAATATCGTCGCTGGCAGCGCTACAAAGTCTTGGCCCGGACTCACCTATCCAGAGTCTGATGCAG
 AAGCTCTTTCCTGCTTTCTATCCAGTGTCTTCCCTGGCCCGGCTGAAGCCTACTATGACCTTGGAG
 GGAGGGACTGCCGAGGGCTCTGCAGGAATGGGAGCGTACCAGCAACTTGGACCGGATGATCTTTTATGAG
 ATGGCAGAGAAGTTCATGGAGTTTGGAGCTGAGGAGGAAACACAGATACAGAATGCACAGTTGATGAATG
 GCTCCCCGGTCTGTCCCCTATAGCTCCTTTGAAACTTGATCCTCCAGGGCCCATGGTCCCTGAGTCTTG
 CCAGCAGCCAGTGTACATTCCAAAGAAGGCAGCCTCTAAGACACGGGCTCCCCGTCGGCGCAACGCAAA
 CCCCAGGCTCCAGTCTCTGAGGCACCCAAAGAGATCCCACCTGAAGCCGTGCAAGAATATATTGACA
 TCATGGACGGTTGATGGGGAACAATGTGGACTGGGAAGACAGAGGAGGAAGAGGGGCAGCAGGAAGA
 TGCAGGGATGATCCCGATCCAAGTCTTCTGAGCTACATTGATGAACTATGTTCTCAGGAGGTCTTTGTC
 TCCAAGGTGGAGGCGGTCAATCACCTCAATTTCTGGCAGATCTGCTGTCCCAGAAGAGCAGAGAGATC
 CTTTGGCTTTAATTGAGGAGCTAGAGCAAGAAGAAGGACTTACTCTTGGCCAGCTGGTCCAAAAACGACT
 CCTGGCCCTGGAGGAGGAAGACGCACAGGCGCCTCCGAGTTGCAGCGGAGCTCAGTCAGACTCGAGTCTT
 TCTGTTTCTGATGAGGATGAAGATGGGGTCAAAGGCGTCGACCTCGCCTGGGCTTCAGGGGGCTGCGG



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GTATTGTTTCGCATTGGAAAATCTGCTTCTCCAGGCAAGCAGGCAAGGAAATGCATGGTGGGCAGGAACA
 AACACTAGGTGGTCCAAGGGGGTTTACAAGGATGGAAATAGTCTGCCATCCCCTAGCAGCTGGGACCTG
 CAGCTAGAGCACACAGCTTCCCAGGGAATGCAAGTACCCTTGGGTATGGAGAGAAAAGGCTCTGGGAAGG
 CTATAAACAGCTACCTGCAACTCAGGATGGCCACCCAGGAGGTACAGGGTCATCTGGGCACTACCCAGT
 AGCAGACAGGAATCCAGAGGTTATACCTTTTTGTTGGCAAGAGGATCTCCAACACGTGAGAGCCTCCAAT
 TTGGATGTTGGACATATAGAGCCAGTTCCTCTGCAGGGACTTGGGTTAGAAAAACAGGCTTTGGTGTTC
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 GAAGGGCTCTTCAAGAGCCATGTGGGGAGATGACAGAGGTCCTGATGTGGTTCAGAGTTACGGTCAGAAC
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 TAAAAGGGAGGACCAGGCCCCAGGTTCTAGAAACAGTGCCTCTCCAGGTAAGGAAAAACAAGTGCC
 AAGGATGTGGAAAGAGCATGATTCCCTGTGGAGGCACAGATAAAAACAACGTCCAGAAATGAGAAAGT
 CCTGCAGCTTGCCGGGACCTTTGATGGCCAGTGGTCCAGGTTTGGAGTCCAAAGAAAAGCAAGAGCGGAG
 CCCTGAAGCCACACAGAATCCCAGTGACCTGTGGGCTGAGGCTTGTCTCCCACTGCTGCAACACCTGAC
 CCTTCCCACTGGGGTCTTCAAAGACACCTGGTACCCAGTGCCAAGGCACTTCTCTATTGTTGGGA
 CCCAGGATGCCTCTTTCCTCCCGAGGCTAGCCAAAAGGCAGACAGCAGGGGTAATCTACTTTTTCTCT
 GTTGAAAAACATAGAACAGGTCAAATTACTAGATGTTAGAAATGACAGTGGCCCCAACCCAGGGTCTGC
 AAGGACTCCTGCTCATCAATTTTAATCTTTTAAACCCCAAGGAGAGTGCAGGGGAAGCACTGTTTCT
 CCAAACCCACTGACCTTGTTCCTTTACAAGGCAACCGGGAGTCTTATACACATGAGACAACCAATCGAC
 ATCTGGCCAGGGCCAGGGCAGAACTTCCCAAGGTGGGAACCCAGGGAGGCTTTGGTTCTGAGAGAAATC
 CCTGTTAGAGAAACATGCACCTCAGCCGATACAGCCAAAGGAAGTGAAGACAGAGAAGGAGGAAGTGAAG
 AACTCTCAACTTCTCTACCTTTTGGCTTCAAACCTAACCTCTTTCAGGAGGGCTTCCCCTTAGTAC
 TCGTCATGCCCTAGAGGTCAGGGAATCGTGAGAACATCCCGCATTCTGCTGAAGTAGATGACCTCGGC
 CAGCCTTCAACCCCTCCCAAGTCTGGGAAGCAAGCTCTAGTTGGGAGTCCAGCTCCTGTTGTAGAGAGAC
 CAGGGCAAGGAGCTCAGCTTAATTCTGGGCAGAAACCCCTTGTCTGGGAGTGGCACAGCTCCACAGCC
 TCGTAATAAAAAGGCGCGTGACGGTTTTGTACCAGCAAAGGAAGAAACGACGTCGTAGCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001108957
- Insert Size:** 3357 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_001108957.1](#), [NP_001102427.1](#)

RefSeq Size: 3688 bp

RefSeq ORF: 3357 bp

Locus ID: 366153

Cytogenetics: 3q35