

Product datasheet for **MC216671**

Pus3 (NM_023292) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pus3 (NM_023292) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pus3
Synonyms:	2610020J05Rik; 5730412F04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216671 representing NM_023292
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCTGAAAACACAGACAGAAACCAGATTGAGAACTCCTAAACAGAGTGAAGGAAGTGAACAGGAGG
 TGGAAAGACTTAAGAAAAAGAAAGAACAGGCCAACAAATATAAAAGACTCAAGCATCAGAGAAAATTCGTT
 AGGCTCTGGAAAAGCTAAGCGTGCTTTTGTATTCAGTGCTCATGGCCGTAGACATGTAGCTCTAAAAATA
 GCCTATCTAGGCTGGGGATACCAGGGCTTTGCCAGTCAGGAAAACACAAGCAATACAATTGAAGAGAAAAC
 TGTTTGAGGCTTTAACTAAGACCCGACTAGTAGAAAGCAGACAGACATCCAATATCATAGGTGTGGTCG
 AACAGACAAAGGTGTTAGTGCCTTTGGACAGGTGATTTCTTTAGACCTACGTTCTCAGTTTCCAACGAGC
 AGGGATTGAGAAGATTCTAATTTAAAGCATGAAGCTGATGATCTTGCTAAAGAGATCCGTTATACTCACA
 TTCTCAATCGGGTGCTTCTGCAGACATCCGAGTATTGGCCTGGGCCCTGTAGAACCTAGCTTCAGTGC
 TAGGTTTAGCTGTCTTGAGCGGACTTATCGCTATTTTTCCCTCGTGGGATTTAGATATTGCAACCATG
 AATTATGCAGCTCAGAAATATGTTGGCACTCATGATTTAGAACTTGTGTAAGATGGATGTAGCCAATG
 GAGTGATTAATTTTCAGAGGACTATTCTGTGTGCAACAAGTACAAGTGTGGCCAGAGCCAGGCGAGGA
 GAGAAGGCAAGAACCATTCCAGTTATGTCAATTTGAAGTAATTGGCCAGGCATTCTGTACCATCAAGTT
 CGGTGTATGATGGCTATCCTCTTCTGATTGGCCAAGGAATGGAGAAGCCAGAGATTATTGATGAATTGC
 TGAACATACAGAAAAATCCCAAGAACCTCAATATAGCATGGCTGTTGAATTTCTCTAGTCTTATATGA
 CTGTAAATTTGAAAAACCAAGTGGATTATGATCATGAGGTTGAGGAATTCAATGTTACCCACCTACAA
 CAGCTGTGGGCTAATCATGCTGTAAAACTCACATGCTATATAGTATGCTGCAAGGTCTAGACTCTGTTA
 TGTTAATCATGTGCAGCAGGAACAAAGATGGATGAAGCAACAGAATGGAGAAACATTCAACCCCTGTGAT
 AAAGCACACGAGTGCCTTTGTAGAAGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 TGCCAAGGACTGGAATCCCGGATCCGGCATTGTTGTGAGTAGAGGAGCAATTGAGCACCCACATTTACTCC
 ATAAGGAAGAAATAAAAGCCAGAAGGGACTGTGCTGACAAAGAAGAAATACTGTTGTAGAGAATCCAAG
 TAAGAGGGTTGTATAATAGATGCAGAAATTAACAGCATTGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_023292
- Insert Size:** 1446 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_023292.4 , NP_075781.3
RefSeq Size:	2012 bp
RefSeq ORF:	1446 bp
Locus ID:	67049
UniProt ID:	Q9J138
Cytogenetics:	9 A4
Gene Summary:	Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs. Also acts on position 38, but much less efficiently.[UniProtKB/Swiss-Prot Function]