

Product datasheet for **RN202390**

Utp3 (NM_001012036) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Utp3 (NM_001012036) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Utp3
Synonyms:	Criz1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202390 representing NM_001012036
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGCGATCACGGCGCGTGGAGCGGCCAGTGGGCCACCGTCCGGGCCAAGGCTGGTCGCACTG
 CCACGGACGAAAATGAGGACGATTTAGGGTCGCCGCTTCTCCAGGGACTCCAGCTACTACCAAGACCA
 GGTAGATGAGTTCATGAAGCGCGATCTCGGGCAGTCCTGGCTAAGGGCTGGAACGAAGTCGAGAGTGGG
 GAGGAGGATGACGATGAGGAGGAAGAGGTGCTACCTCTAAATATTGACGATGAAAATGACGAAGATGGAG
 AGAGTTCAGAGGAGGAGGAGGATGGCGAAGATGATGATGGTGGGAGCTCCGTACAGAGTGAAGGCTGAGGC
 CTCTGTGGATCCCAGCTTGTCTGGGGTCAGAGAAAAAGGCTTTATTATGATACAGACTACGGTTCCAAA
 TCCCGAGGCCGTGAGAGTCAAGAAAGTGAAGAGGAGAAAGAGGAAAGAGGAGGCACAGGTAA
 TTCAGCGCGCTTAACCAAGCCCTGCAAGAGGATGATTTGGAGTCGCTGGGTGGAGGCCTTTGCAA
 ACCCGTCCACAAGTAGACGAAGCTGAGACTCGGGTTGTAAGGATTTGGCTAAAGTCTCGGTAAGAGAG
 AAGCTGAAAATGTTGAGGAAAGAGTCACAGAGCTCTTAGAACTGATAGAAGACCTCAAAGTCAAGTTGA
 CAGAAGTGAAGGATGAGTTAGAGCCTTTGATACAGTTGGTGGAAAAGGGGTCATTCCGCCTGGAAAAGG
 AAGCCAGTACCTGAAGACTAAGTATAACCTCTACTTGAATTATTGCGCCAACATCAGTTTTTATTGATC
 TAAAAGCCAGGAGAGTCCCGCACATGGACATCCTGTTATAGAAAGGCTTGTTACCTACAGAAATCTGA
 TCAACAAGCTCTCAGTTGTGGATCAGAACTGTCTCCGAAATCCGTACCTACTCACAGCCAAGGAGGG
 TGCTGGAAAGAAAGACCTGAATCCAAAAGCAAAATTAACCAAGACCAAGCCAAAGTCTGCAAAGCAGACT
 GATGTTAACGCTGACCTGACTGAAGAGCCTGAGTTTGTGAGGCTGCACTAGAGTTCTACAAGGAAATGG
 AAGACAGGCCAGAGTTGAAGAGAAAGAAAGAAAATAGTGTGAAGAACAGGCTCTTGAAGGCAAAA
 CGCCAAGCGAGCCATTACCTACCAGATCGCCAAAATAGGGGACTTACACCCAGGAGAAAGAAGATTGAT
 AGAAATCCAGAGTCAAACATAGGGAAAAGTCCGAAGAGCCAAAATCCGAAGACGAGGCCAGGTTCTGTG
 AAGTTCGTAGAGAAGAACAGCGGTATAGTGGTGAAGTCTCTGGCATTCCGCTGGAGTAAAAAGAGCAT
 TAAGCTTAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001012036
- Insert Size:** 1413 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_001012036.1](#), [NP_001012036.1](#)
RefSeq Size: 1678 bp
RefSeq ORF: 1413 bp
Locus ID: 305258
UniProt ID: [Q6AXX4](#)
Cytogenetics: 14p22
Gene Summary: Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity).[UniProtKB/Swiss-Prot Function]