

## Product datasheet for **MG225024**

### Uri1 (NM\_011274) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uri1 (NM_011274) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Uri1
Synonyms:	C80913; NNX3; Rmp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG225024 representing NM\_011274  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCCCCCGTCCGAACCCGAGCCCGAGCCCCAGCCCCTTGCAGAGGCCTCAGCCGCCGCTCCGCTGC  
 GCGCACAGAGGTGGCGGGCTTCGCGAGGAGCAGGAAAAGTGGTCACTAACTGCCAAGAGAAAATCCA  
 GCATTGGGAGAAAAGTAGACAATGACTACAGTGCTCTCAAGAGAGGCTGAGGACCTTGCCTGACAAGCTG  
 TCTTACGACGTCATGGTACCATTGCGCCCTCTTGCCTTCATGCCAGGAAAAGTCCACACTAATGAAG  
 TCACTGTTTTACTTGGCGACAACGGTTTGCAAAGTGCTCAGCCAAGCAGGCTGTGGGTTTGTGAGCA  
 TCGGAAAGAACATGTAAGAAAAACAATAGATGATTTTAAAAAGTGTGAAAAATTTTGAATCCAGAGTT  
 GAATTCACAGAAGATTTGCAGAAGATGAGTGATGCTGCAGGTGATTTTGTGACATAAGAGAAGAAATTA  
 AAAGTGACTTTGAATTTAAAGGAAAACAACGAATTGCTCACAACTCATTCCAAACCAAAAACCTCAGA  
 TATTTTTGAAGCAGATTTTGAATGTTGTAACCCCAAGAATACATTTGATGCTGATGAACTGTGGGCT  
 CGACTTGAAGAGCTGGAGAGACAAGAAGAACTGCTGGGTGAACCTGAAAGTAAACCTGATACTGTGATTG  
 CAAATGGAGAAGACAGAGTGCTTCTGAGGAGGAAAAGGAAGGTGCAGACACAGGTGTGAATGTGGTGTG  
 TCCAGTGACAGACTCCTCTGCCGCCAGCAGCTGTAAAAGGCGTGTGAAATGCAGGACTCCCTAATGGT  
 CAAGTCAATAGTCTGAATTCAGTGAATGGCTCAAAATCTTACCACAGCAACAAAGATGATGATGAAG  
 AAGAAGAAGATGACGATGATGATGATGAAGATGACGATAATGAAAGTGACCATGCTATTTTACGAGA  
 TAATCTATTCCAACAATATATTTCTCTCATACTGTTGAACCTAAAAGGGTTCGAATAAACTGGGAAA  
 AATACCACTTTAAAGTTCAGTGAGAAGAAAGGAAAGCCAAACGGAACGAAAGAGTGGTCCCGGAGTC  
 ACGTACCCACGAGCTGCCTGCCATCAAGAGTCTGCTGATATTTACAGAGTCTTCGTGGATGTTGTGAA  
 TGGAGAATATGTTCTCGCAAGTCAATCCTCAAGTCTCGCAGCCGAGAGAACAGCGTGTGCAGCGACACA  
 AGTGAGAGCAGCGCTGCCGATGTGGAGGACCGCGGGGGCTCCTGCGGAGCACCAGCTCTGAGGAGCCG  
 TGGCTACCGAGGCCGCGGGGAGCAGTTTGGACGAACCTCAAGAGAACCACCCCAAGAAGCCTTTGCCCTC  
 AGGAGTGTCTGAGGCTTTTTCTGGAAGTGAATAGAAAAAGAAATTTTATCACCCCTCCCTAGCACCATAC  
 TCAGCCATTGCTCACCATGCCCTCCCACCATTCCAGAGCGAAAAGAAAGTCCATCAGAAGTATCAGAGG  
 AACCCACAAGAGGGTGTCAAAGTTCAGAGCTGCCCGATTGCAGCAGAGAAGC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG225024 representing NM\_011274  
 Red=Cloning site Green=Tags(s)

MEPPSEPEPEPQPLAEASAAAPLRAPEVARLREEQEKVVTNCQEKIQHWEKVDNDYSALQERLRLTPDKL  
 SYDVMVPFGPLAFMPGKLVHTNEVTVLLGDNWFAKCSAKQAVGLVEHRKEHVRKTIDDFKKVLKNFESRV  
 EFTEDLQKMSDAAGDFVDIREEIKSDFEFKQRIAHKPHSKPKTSDIFEADFENGVPKNTFDDELWA  
 RLEELERQEELLGELESKPDTVIANGEDRVSSEEEKEGADTGVNVVSPVTDSSAASSCKRRAGNAGLPNG  
 QVNSLNYSVNGSNSYHSNKDDDEEEEDDDDDDDDDNESDHAISADNSIPTIYFSHTVEPKRVRINTGK  
 NTTLKFSEKKEEAKRKRKSGAGSHATELPAIKSPADIYRVFVDVNGEYVPRKSILKSRSENSVCSDT  
 SESSAADVEDRRGLLRSTSSEEAVATEAGGSSLELQENHPKPLPSGVSEAFSGTVIEKEFLSPLAPY  
 SAIAHALPTIPERKEVPSEVSEPTKRVSKFRAARLQQR

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_011274

**ORF Size:** 1593 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

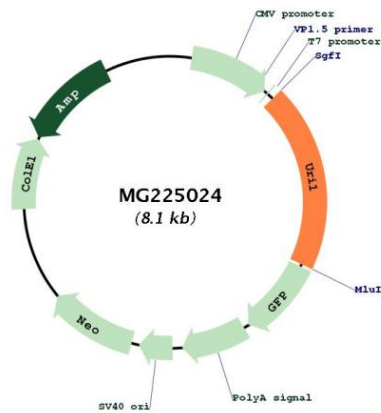
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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\\_011274.5, NP\\_035404.4](#)

RefSeq Size: 3459 bp  
 RefSeq ORF: 1596 bp  
 Locus ID: 19777  
 UniProt ID: [Q3TLD5](#)  
 Cytogenetics: 7 B3

**Gene Summary:** Involved in gene transcription regulation. Acts as a transcriptional repressor in concert with the corepressor UXT to regulate androgen receptor (AR) transcription. May act as a tumor suppressor to repress AR-mediated gene transcription and to inhibit anchorage-independent growth in prostate cancer cells. Required for cell survival in ovarian cancer cells. Together with UXT, associates with chromatin to the NKX3-1 promoter region (By similarity).  
 [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG225024