

Product datasheet for **RG203718**

URG4 (URGCP) (NM_001077664) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	URG4 (URGCP) (NM_001077664) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	URG4
Synonyms:	URG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG203718 representing NM_001077664
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCGCCCCGGGCATTTCAGATTTGGGAGAAGTAGCCCCAGAAATAAAAGCATCAGAGAGACGAACAG
 CTGTGGCCATTGCAGATTTGGAATGGAGAGAAATGGAAGGAGATGATTGCGAGTTCCGTTATGGAGATGG
 TACAAATGAGGCTCAGGACAATGATTTTCCAACAGTGGAGAGAAGCAGGCTTCAAGAAATGCTGTCACTT
 TTGGGCTAGAGACGTACCAGGTCCAGAACTCAGCCTCCAGGACTCTCTGCAGATCAGTTTTGACAGTA
 TGAAGAACTGGGCCCCCTCAGGTTCCCAAAGACTTGGCCTGGAATTTCTCAGGAAGTTGCAGGCCCTCAA
 TGCTGATGCCAGGAATACCACTATGGTGTGGAGTGTCTCCAGACGCCAGGCCTGTGGAGAAGGAGAGC
 CAGATGGAAGAGGAGATCATCTACTGGGACCCAGCTGATGACCTTGCTGCCGACATTTATTCCTTTTCTG
 AGCTGCCACCCCTGATACGCCAGTGAACCCCTTAGACCTTCTCTGTGCCCTGCTGCTCTCTCAGACAG
 TTTCTGCAACAAGAAATAGCGTTGAAATGGCCCTCTGCCAGTTTGCCTCCACTCGTGTTCCTGAC
 TCGGAGAACCACTACCATACTTCTGCTGTGGGCCATGCGGGGCTTGTGAGGACATGGTGGTCCAGC
 CCCCAGGGGCTATGGGAGCTTCCGGGAAGACAGCGTGGTCTTGTCCAGGGCGCCCGCTTCGCCTTCGT
 GCGCATGGACGTCACTAGCAACTCCAAGTCCCAGCTTCTCAACGCCGTCCTCAGCCCCGGGCCACAGGCAG
 TGGGACTGCTTCTGGCATCGGGACCTCACTTGGGCACCAATGCCCGGGAGATTTCCGATGGGTTGGTAG
 AAATTTCTGGTTTTTCCCAGCGGAAGGGAGGACTTGGACATTTTCCAGAACCTGTGGCCTTTCTGAA
 CCTGAGAGGTGACATCGGGTCTCACTGGCTGCAGTTTAAAGCTCTTGACAGAAATCTCTCCGCTGTGTTT
 ATATTGACTGACAATATCAGTAAGAAGGAATACAAATTGCTGTACTCCATGAAGGAGTCAACCACAAAAT
 ACTACTTCATCTGAGTCCCTACCGTGGGAAGCGCAACACAAACCTGAGATTTCTGAATAAGTTAATTCC
 TGTGCTGAAAATAGACCACTCACATGTCTGGTAAAGGTCAGCAGCACTGACAGCGACAGCTTCGTGAAG
 AGGATCCGGGCCATCGTTGGGAATGTGCTGCGGGCACCTGCAGGCGGGTATCTGTGGAGGACATGGCGC
 ACGCAGCCCGCAAACCTGGGCCTAAAGGTCGACGAGGACTGTGAGGAGTGTGAGAAAGCGAAAGACCGGAT
 GGAGAGGATTACCAGGAAAATCAAAGACTCGGATGCCTACAGAAGGGACGAGCTGAGGCTGCAGGGGGAC
 CCCTGGAGAAAGGCAGCCCAAGTGGAGAAGGAGTTCTGCCAGCTCCAGTGGGCGGTGGACCCCCCTGAGA
 AGCACAGGGCTGAGCTGAGGCGGGCTGCTAGAACTTGAATGCAGCAGAACGGCCATGATCCCTCCTC
 GGGGGTGACAGGATTCATCTCGGGATCAGCAGCCCTCCTTGAGTGAGAAGCAGTACTTCTGAGGTGG
 ATGGAGTGGGGCTGGCACGGGTGGCCAGCCGCGACTGAGACAGCCTCCGGAGACGCTTCTCACCTGA
 GACCAAGACAGGGGGCACACAGACGTGGGGGAGCCGCTCTGGCCTGAGCCCTAGGGGTGGAACACTT
 CTTGCGGGAGATGGGACAGTTTTATGAGGCTGAGAGCTGTCTTGTGGAGGCAGGGAGGCTGCCGGCAGGC
 CAGAGGCGTTTTGCCCACTTCCCAGGCTTGGCCTCGGAGCTGTGCTGACAGGGCTGCCTCTGGAGCTAA
 TCGATGGGAGCAGCTGAGCATGCCCCGTCGCTGGGTACAGGGCTCCTGAAGGAGCTGCATGTCCGACT
 GGAGAGACGGTCAAGGCTGGTGGTTCTGTCAACCGTCGGGGTCCAGGCACGGGCAAGTCCACACTCCTC
 AACACCATGTTTGGGCTGCGGTTTGGCACAGGGAAGAGCTGCGGTCTCGAGGGGCTTCATGCAGCTCA
 TCACAGTGGCTGAGGGCTTCAGCCAGGACCTGGGCTGTGACCACATCCTGGTGATAGACTCCGGGGGCTT
 GATAGTGGGGCTTACGTCAGCTGGGACAGATTTGAGCTGGAGGCTTCTTGGCCACTCTGCTCCTG
 GGACTGAGCAATGTCACCGTGATCAGTCTAGCTGAAACCAAGGACATTCCAGCAGCTATTCTGCATGCAT
 TTCTGAGGTTAGAAAAACGGGGCACATGCCAACTACCAGTTTGTATACCAGAACCTTCATGATGTATC
 GTTCCCGGCCCTAGGCCAGAGACAAGAGACAGCTCCTGGATCCACCTGGTGACCTGAGCAGGGCTGCA
 GCCCAGATGGAGAAACAGGGCGACGGTTCCGGGCACTGGCAGGCTGGCCTTCTGCGACCTGAGAAGC
 AGCACATCTGGCACATCCAGGCTGTGGCACGGAGCACCTCCCATGGCCGAGTGAGCTTGGCCTACAG
 TGAAGCCATATTTGAATTGAAGAGATGCCTACTCGAAAACATCAGGAACGGCTTGTGAACCAAAACAAA
 AACATCCAGCAGCTCATTGAGCTGGTGAACGGCTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG203718 representing NM_001077664
Red=Cloning site Green=Tags(s)

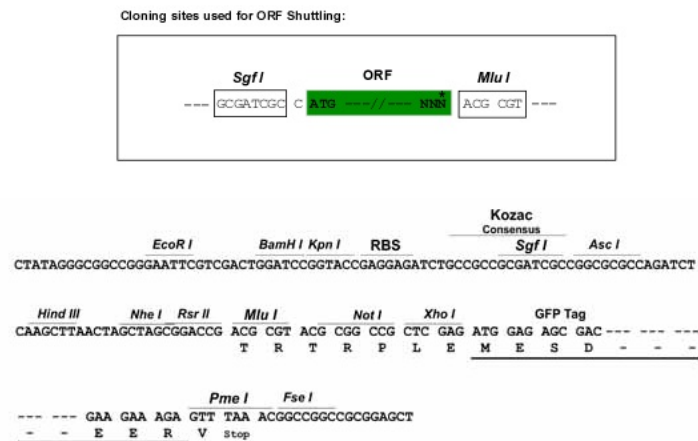
MASPGHSDLGEVAPEIKASERRTAVAIADLEWREMEGDDCEFRYGDGTNEAQDNDFTVERSRLQEMLSL
LGLETYQVKLSLQDSLQISFDSMKNWAPQVPKDLPNFLRKLQALNADARNTTMVLDVLPDARPEKES
QMEEEEIYWDPADDLAADIYSFSELPDTPVNPLDLLCALLSSDSFLQQEIALKMALCQFALPLVLPD
SENHYHTFLLWAMRGIVRTWWSQPPRGMGSFREDSSVLSRAPAFVVRMDVSSNSKSQLNAVLSPGHRQ
WDCFWRDLNLGTNAREISDGLVEISWFFPSGRELDIFPEPVAFLNLRGDIGSHWLQFKLLTEISSAVF
ILTDNISKEYKLLYSMEKSTTKYYFILSPYRGKRNTNLRFLNKLIPVLKIDHSHVLVKVSSTSDSDFVK
RIRAIIGNVLRAPCRRVSVEDMAHAARKLGLKVEDCEECQAKDRMERITRKIKSDAYRRDELRLQGD
PWRKAAQVEKEFCQLQWAVDPPEKHRAELRRRLLELRMQNGHDPSSGVQEFISGISSPSLSEKQYFLRW
MEWGLARVAQPRLRQPPETLLLRPKHGGTTDVGEPLWPEPLGVEHFLREMGQFYEAESCLVEAGRLPAG
QRRFAHFPLASELLLTLGLELIDGSTLSMPVRWVTGLLKHVRLERRSRLVVLSTVGVPGTGKSTLL
NTMFLGRFATGKSCGPRGAFMQLITVAEGFSQDLGCDHILVIDSGGLIGGALTSAGDRFELEASLALLL
GLSNVTVISLAETKDIPAAIILHAFRLREKTGHMPNYQFVYQNLHDVSVPGPRPRDKRQLDPPGDLSTAA
AQMEKQGDGFRALAGLAFCDPEKQHIWHIPGLWHGAPMAAVSLAYSEAFELKRCLLENIRNGLSNQNK
NIQQLIELVRRL

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

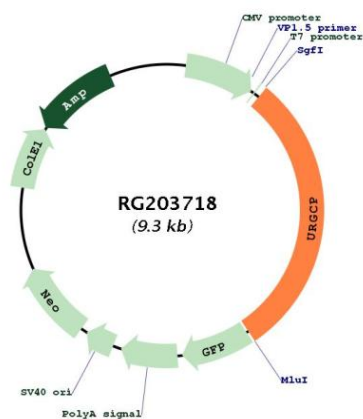
Cloning Scheme:



ACCN: NM_001077664

ORF Size:	2664 bp
OTI Disclaimer:	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_001077664.1 , NP_001071132.1
RefSeq Size:	3831 bp
RefSeq ORF:	2667 bp
Locus ID:	55665
UniProt ID:	Q8TCY9
Cytogenetics:	7p13
Gene Summary:	URG4 is upregulated in the presence of hepatitis B virus (HBV)-encoded X antigen (HBxAg) and may contribute to the development of hepatocellular carcinoma by promoting hepatocellular growth and survival (Tufan et al., 2002 [PubMed 12082552]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG203718