

Product datasheet for **SC315635**

URG4 (URGCP) (NM_001077663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	URG4 (URGCP) (NM_001077663) Human Untagged Clone
Tag:	Tag Free
Symbol:	URG4
Synonyms:	URG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC315635 representing NM_001077663.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGC**
 ATGGCGTCGCCGGGATAGAAGTGAATTACTGGGCAAAGGGCATTGAGATTTGGGAGAAGTAGCCCCA
 GAAATAAAGCATCAGAGAGACGAACAGCTGTGCCATTGCAGATTTGGAATGGAGAGAAATGGAAGGA
 GATGATTGCGAGTTCGGTTATGGAGATGGTACAAATGAGGCTCAGGACAATGATTTTCCAACAGTGGAG
 AGAAGCAGGCTTCAAGAAATGCTGTCACTTTTGGGCTAGAGACGTACCGAGTCCAGAACTCAGCCTC
 CAGGACTCTCTGCAGATCAGTTTGTACAGTATGAAGAACTGGGCCCTCAGGTTCCCAAAGACTTGCCC
 TGGAAATTTCTCAGGAAGTTGCAGGCCCTCAATGCTGATGCCAGGAATACCACTATGGTGTGGAGCTG
 CTCCCAGACGCCAGGCTGTGGAGAAGGAGAGCCAGATGGAAGAGGAGATCATCTACTGGGACCCAGCT
 GATGACCTTGCTGCCGACATTTATCTTTTCTGAGCTGCCACCCCTGATACGCCAGTGAACCCCTTA
 GACCTTCTCTGTGCCCTGCTGCTCTCTCAGACAGTTTCTGCAACAAGAAATAGCGTTGAAATGGCC
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 GCCATGCCGGGCAATTGTGAGGACATGGTGGTCCAGCCCCCAAGGGGCATGGGGAGCTTCCGGGAAGAC
 AGCGTGGTCTTGTCAGGGCGCCCGCTTCGCCTTCGTGCGCATGGACGTGAGTGAACCTCCAAGTCC
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 AAGGTCGACGAGGACTGTGAGGAGTGTAGAAAGCGAAAGACCGGATGGAGAGGATTACCAGGAAATC
 AAAGACTCGGATGCCTACAGAAGGGACGAGCTGAGGCTGCAGGGGACCCCTGGAGAAAGCAGCCCAA
 GTGGAGAAGGAGTTCTGCCAGCTCCAGTGGGCCGTGGACCCCTGAGAAGCACAGGGCTGAGCTGAGG
 CGGCGGCTGCTAGAACTTCAATGCAGCAGAACGCCATGATCCCTCTCGGGGGTGCAGGAGTTTCATC
 TCGGGGATCAGCAGCCCTCTTGAGTGAGAAGCAGTACTTCTGAGGTGGATGGAGTGGGCGCTGGCA
 CGGGTGGCCAGCCGCGACTGAGACAGCCTCCGAGACGCTTCTACCCTGAGACCAAGCATGGGGGC
 ACCACAGACGTGGGGGAGCCGCTCTGGCCTGAGCCCTAGGGGTGGAACACTTCTTGC GGAGATGGGA
 CAGTTTTATGAGGCTGAGAGCTGTCTTGAGGAGCAGGGAGGCTGCCGGCAGGCCAGAGGCGTTTTGCC
 CACTTCCAGGCTTGGCCTCGGAGCTGCTGCTGACAGGGCTGCCTCTGGAGCTAATCGATGGGAGACG
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 AGGCTGGTGGTTCTGTCAACCGTCGGGTGCCAGGCAGGGCAAGTCCACACTCTCAACACCATGTTT
 GGGCTGCGGTTTGCCACAGGGAAGAGCTGCGGTCTCGAGGGGCTTCATGCAGCTCATCAGTGGCT
 GAGGGCTTCAGCCAGGACCTGGGCTGTGACCACATCCTGGTGATAGACTCCGGGGCTTGATAGGTGGG
 GCCTTGACGTGAGCTGGGACAGATTTGAGCTGGAGGCTTCTTGCCACTCTGCTCATGGGACTGAGC
 AATGTACCGTGATCAGTCTAGCTGAAACCAAGGACATTCCAGCAGCTATTCTGCATGCATTTCTGAGG
 TTAGAAAAACGGGGACATGCCAACTACCAGTTTGTATACCAGAACCTTCATGATGTATCTGTTCCC
 GGCCCTAGGCCCAGAGACAAGAGACAGCTCCTGGATCCACCTGGTGACCTGAGCAGGGCTGCAGCCAG
 ATGGAGAAACAGGGCGACGGCTTCCGGGCACTGGCAGGCTGGCCTTCTGCGACCCTGAGAAGCAGCAC
 ATCTGGCACATCCAGGCTGTGGCAGGAGCACCTCCCATGGCCGAGTGAGCTTGGCCTACAGTGAA
 GCCATATTTGAATTGAAGAGATGCCTACTCGAAAACATCAGGAACGGCTGTGCAACCAAAACAAAAAC
 ATCCAGCAGCTCATTGAGCTGGTGAACGGCT**GTGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI
ACCN: NM_001077663

Insert Size:	2796 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001077663.2</u>
RefSeq Size:	4063 bp
RefSeq ORF:	2796 bp
Locus ID:	55665
UniProt ID:	<u>Q8TCY9</u>
Cytogenetics:	7p13
MW:	105 kDa
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] Transcript Variant: This variant (3) encodes the longest protein (isoform 3).