

Product datasheet for **SC315628**

URG4 (URGCP) (NM_001077664) Human Untagged Clone

Product data:

| | |
|---------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | URG4 (URGCP) (NM_001077664) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | URG4 |
| Synonyms: | URG4 |
| Vector: | pCMV6-Entry (PS100001) |



[View online »](#)

Fully Sequenced ORF: >SC315628 representing NM_001077664.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAAGGAGATGATTGCGAGTTCGGTTATGGAGATGGTACAAATGAGGCTCAGGACAATGATTTTCCA
 ACAGTGGAGAGAAGCAGGCTTCAAGAAATGCTGTCACTTTGGCCCTAGAGACGTACCAGGTCCAGAAA
 CTCAGCTCCAGGACTCTCTGCAGATCAGTTTTGACAGTATGAAGAACTGGGCCCTCAGGTTCCAAAA
 GACTTGCCTGGAAATTCCTCAGAAAGTTCAGGCCCTCAATGCTGATGCCAGGAATACCCATATGGTG
 CTGGACGTGCTCCAGAGCCAGGCTGTGGAGAAGGAGAGCCAGATGGAAGAGGAGATCATCTACTGG
 GACCCAGCTGATGACCTTCTGCGGACATTTATCCTTTTCTGAGCTGCCACCCCTGATACGCCAGTG
 AACCCCTTAGACCTTCTCTGTGCCCTGCTGCTCTCCTCAGACAGTTTCTGCAACAAGAAAATAGCGTTG
 AAAATGGCCCTGCTGCCAGTTGCACTCCACTCGTGTGCTGACTCGGAGAACCACTACCATACATTT
 CTGCTGTGGCCATGCGGGCATTGTGAGGACATGGTGGTCCCAGCCCCAAGGGGCATGGGAGCTTC
 CGGAAGACAGCGTGGTCTTGTCCAGGGCCCGCCTTCGCTTCGTGCGCATGGACGTCAGTAGCAAC
 TCCAAGTCCAGCTTCTCAACGCCCTCCTCAGCCGGGCCACAGGCAGTGGGACTGCTTCTGGCATCGG
 GACCTCAACTGGGCACCAATGCCCGGAGATTTTCGGATGGGTTGGTAGAAATTTCTGGTTTTTTCCC
 AGCGGAAGGGAGGACTTGGACATTTTCCAGAACCTGTGGCCTTCTGAACCTGAGAGGTGACATCGGG
 TCTCACTGGCTGCAGTTAAGCTCTTGACAGAAATCTCCTCCGCTGTGTTATATTGACTGACAATATC
 AGTAAGAAGGAATACAAATTGCTGTACTCCATGAAGGAGTCAACCACAAAATACTACTTCACTGAGT
 CCCTACCGTGGGAAGCGCAACACAAACCTGAGATTTCTGAATAAGTTAATTCCTGTGCTGAAAATAGAC
 CACTCACATGTCTGGTAAAGGTGAGCAGCACTGACAGCGACAGCTTCGTGAAGAGGATCCGGGCCATC
 GTTGGGAATGTGCTGCGGGCACCTGCAGGCGGGTATCTGTGGAGGACATGGCGCACGACGCCGCAAA
 CTGGGCCATAAAGTTCGACGAGGACTGTGAGGAGTGTGAGAAAGCGAAAGACCGGATGGAGAGGATTACC
 AGGAAAATCAAAGACTCGGATGCCTACAGAAAGGACGAGCTGAGGCTGCAGGGGGACCCCTGGAGAAAG
 GCAGCCCAAGTGGAGAAGGAGTTCTGCCAGCTCCAGTGGGCCGTGGACCCCTGAGAAGCACAGGGCT
 GAGCTGAGGCGGCGCTGCTAGAACTTCGAATGCAGCAGAACGGCCATGATCCCTCCTCGGGGTGCAG
 GAGTTCATCTCGGGGATCAGCAGCCCTCCTTGTGAGTGAAGAGCAGTACTTCTGAGGTGGATGGAGTGG
 GCCTGGCACGGGTGGCCAGCCGCGACTGAGACAGCCTCCGGAGACGCTTCTCACCTGAGACCAAAG
 CATGGGGGCACCACAGACGTGGGGAGCCGCTCTGGCCTGAGCCCTAGGGGTGGAACACTTCTTGGCG
 GAGATGGGACAGTTTTATGAGGCTGAGAGCTGTCTTGTGGAGGCAGGGAGGCTGCCGGCAGGCCAGAGG
 CGTTTTGCCACTTCCCAGGCTTGGCCTCGGAGCTGCTGCTGACAGGGCTGCCTCTGGAGCTAATCGAT
 GGGAGCACGCTGAGCATGCCCGTCCGCTGGGTACAGGGCTCCTGAAGGAGCTGCAGTCCGACTGGAG
 AGACGGTCAAGGCTGGTGGTTCTGTCAACCGTCCGGGTGCCAGGCACGGGCAAGTCCACACTCCTAAC
 ACCATGTTTGGGCTGCGGTTTGCCACAGGGAAGAGCTGCGGTCTCGAGGGGCCTTCATGACGCTCATC
 ACAGTGGCTGAGGGCTTCCAGCCAGGACCTGGGCTGTGACCACATCCTGGTATAGACTCCGGGGGCTTG
 ATAGGTGGGGCCTTACGCTCAGCTGGGGACAGATTTGAGCTGGAGGCTTCTTGGCCACTCTGCTCATG
 GGACTGAGCAATGTACCGTGTAGCTAGCTGAAACCAAGGACATCCAGCAGCTATTCTGCATGCA
 TTTCTGAGGTTAGAAAAACGGGGCACATGCCAACTACCAGTTTGTATACCAGAACCTTCATGATGTA
 TCTGTTCCCGCCCTAGGCCAGAGACAAGAGACAGCTCCTGGATCCACCTGGTACCTGAGCAGGGCT
 GCAGCCCAGATGGAGAAACAGGGCGACGGCTTCCGGGCACTGGCAGGCTTGGCCTTCTGCGACCCGAG
 AAGCAGCACATCTGGCACATCCCAGGCTGTGGCACGGAGCACCTCCCATGGCCGAGTGGAGCTTGGCC
 TACAGTGAAGCCATATTTGAATTGAAGAGATGCCTACTCGAAAACATCAGGAACGGCTTGTGCAACCAA
 AACAAAAACATCCAGCAGCTCATTGAGCTGGTGAAGCGGCTG

Restriction Sites: ECoRI-NOT
ACCN: NM_001077664
Insert Size: 2664 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: | <ol style="list-style-type: none"> 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_001077664.1</u> |
| RefSeq Size: | 3831 bp |
| RefSeq ORF: | 2664 bp |
| Locus ID: | 55665 |
| UniProt ID: | <u>Q8TCY9</u> |
| Cytogenetics: | 7p13 |
| MW: | 100.4 kDa |
| Gene Summary: | <p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation from a downstream start codon, compared to variant 3. The encoded protein (isoform 2) has a shorter N-terminus, compared to isoform 3. Variants 2, 4, and 5 encode the same protein (isoform 2).</p> |