

## Product datasheet for **RN201516**

### Urgcp (NM\_001077660) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Urgcp (NM_001077660) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Urgcp
Synonyms:	RGD1564681; Urg4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201516 representing NM\_001077660  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTCGCGGGGATAGAAGTGAATTACTGGTCAAAGGGCATTTCAGACCTGGGAGAAGTGGCCCCAG  
 AAGTAAAACCTTCAGACAGCCAAACATCTGTGGCAATTGCAGATTTGGAATGGAGAGAAATGGAAGGAGA  
 TGACTGCGGGTCCATTATGGAGATGGTACAAATGAGGCTCAGGACAATGACTTCCCAACAGTGGAGAGA  
 AGCAGGCTTCAGGAAATGCTGTCCCTGTTGGGACTGGAGACATACCAAGTACAGAAGCTCACCTCCAGG  
 ACTCCCTCGAGATCAGTTTTGACAGCATGAAGAACTGGGCTCCTCAGGCTCCCAAGGACCTCCCCTGGCA  
 TTTCTCAGGAAGCTGCAGGCCCTCAACGCTGAAGCCAGGAACACCACCATGGTGTGGACTCGCTCCA  
 GAGGCTGGCCACAGAGAAAGGGGGCCAGACGGAGGAGGGGATGATGTACTGGGACCCGGCTGAGGACG  
 TCGCTGTGATATCTACTTTTCTCGGAGCTGCCATGCCGATACACCTGTGAACCCCTCGACCTTCT  
 CTGTGCCCTCTTGTGTCTTCAGACACCTTTCTGCAGCAGGAAGTCTGTGAAGATGTCCCTCTGTGAG  
 TTTGCACTCCCACTTGTGTTGCCTGATTCTGAAAACCACTACCACACCTTCTGTCTGGGCCCTTCGGG  
 GTGTTGTGCGGACATGGTGGTTCAGCCCCACGGGGCCTTGGGAGTTTTCTCGAGAAGACAGTGTGGT  
 CCTGTCCAGGGTGCACGTTTGCCTTCGTTTCGCATGGACGTCAGCAGCAACTCCAAGTCCAGCTGCTC  
 AATGCTGTCTCAGCCCTGCCAGACGGCAGTGGGACTGCTTTCGGCATCGGGACCTCAACTTAGGCACGA  
 ATCCCCGAGAGATCGCAGACGGGTTAGTAGAGATCTCCTGGTTTTTCCCCAGTGGTAAGGAGGACCTAGA  
 TGTTTTCCCGAGCCCATGGCCTTTCTGAACCTGAGGGGTGACATTGGGTCCCAGTGGCTGCAGTTCAAG  
 CTCTTGACAGAAGTCTCCTCTGCTGTGTTCACTTCTGACTGACAACATCAGCAAGAAGGAGTACAAATTGC  
 TGTACTCATGAGGGAGTCAACCACAAAGTACTTTCATCTGAGCCCTACCGGGGAAACCGGAATAC  
 CAACCTGCGCTTCTCAACAGGCTGATCCCGTGTCTGAAGATCGACCACTCCACAGTCTGGTGAAGGTC  
 AGCAGCACCGATGGCGAGGGCTTCTGAGGCGGATCCGAGCCATTATGTGCAGCGTGGCTCGCTCCCCCT  
 GCAGGAGGATGTCTGTGGAGGACATGGCTCATGCCGCACGAAACTAGGCCTCAGAGTTGACGAGGACTT  
 TGAGGAGTGTGAGAAGGCAAGGACCGGATGGAGAAGATCGTCAGGAAGATCAAGGATGTGGACGCTAC  
 AAGAGAGATGAGCTGCGGCTGCAGGGCAGCCCTGCAAGGAAGGCAGCCAGGCGGAGAGGGAGTTCTGTC  
 AGCTCCAGTGGGCTCGGAGCCCCAGAGAAGCAGGCGGCTGAGTTGAGACGCGGGCCCTAGAGCTCCG  
 GGTGCAGCAGAAATGGCCAGGAGCCACCTCGGGGTACAGGAGTTCATCCTGGGAGTAAGCAGCCCTCC  
 CCGAGTGAGAGGCACTTCTGAGATGGATGGAGTGGGGTGGCTCGACTGGCCAGCCACGGCCAA  
 GACAGCTCCAGAGACCTTCTCACCCTGAGACCAAACTCGGTGGGCCCTCGGACTTGAATGAGCCACT  
 CTGGCCTGAGCCCTTGGGGTGGAGCACTTCTGCGGGAGATGGGGCAGTTCTATGAGGCGGAGAGCTGC  
 CTGGTGGAGGCAGGGCGGCTGCCTGCTGGCCAGAGGCGCTTGGCCACTTCCCAGGTTTGGCTGTGGACC  
 TGCTGTGGGTGGGCTGCCCTGGAGCTGGTCGATGGTGCACCTCTGAGCATCCCTGTTTCGATGGGTAC  
 TGGGCTTCTCAAGGAGCTGCATGTCCGCTAGACAGGAGATCTCGACTAGTGGTTCTCTGTCTGGGG  
 GTGCCGGGCACAGGGAAGTCTACACTCCTAACACCATGTTTGGCCTGAAGTTTGCCTGGGAGGAGCT  
 GTAGTGCCCGAGGGCCCTCATGCAGCTCCTCCTGTAGCTGAGGGCTTACGCCAGGACCTGGGCTGTGA  
 CCAATCCTAGTAATAGACTCTGGGGTTAATCAGTGGGGCTTGGCCTCTGCTGGAGACAGGTTTCGAA  
 CTGGAGGCTTCTTGGCCACGCTGCTAATGGGGCTAAGTAATGTACTGTGGTACGCTAGCTGAAACAA  
 AGGACATCCCACAGCCGTTCTCATGCGTTCCTGAGGCTGGAATAATGGGACACATGCCCAACTATCA  
 GTTTGTGTATCAGAACCTTCAGACCTGCCTGTTCCAGTCTAAGCCCAGAGACAGGAGGACGCTCCTG  
 GACCCGCCAGCGACTGAGCAGGGCGGCTACCCACTTGGAGAAGCAGGGTGGCGGCTTCCGGACACTGG  
 CGGGTCTGACCGAGAGGCAGCACGTCTGGCACATCCCAGCCCTGTGGCATGGAGCACCACCCATGGCCG  
 CGTGAGCCTGGGCTACAGCGAGGCCATTTTGAATTGAAGAGATGCCTATTAGAAAACATCAGGAATGGC  
 TTGTCAAACAAAACAAAACATTTCAGCAGCTCATTGACCTGGTGGGAGGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001077660
<b>Insert Size:</b>	2787 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001077660.2</a></u> , <u><a href="#">NP_001071128.1</a></u>
<b>RefSeq Size:</b>	3492 bp
<b>RefSeq ORF:</b>	2787 bp
<b>Locus ID:</b>	305493
<b>Cytogenetics:</b>	14q21