

## Product datasheet for **MC222384**

### Urgcp (NM\_001077661) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Urgcp (NM_001077661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Urgcp
Synonyms:	2010005J08Rik; 9130001I21Rik; AW060359; mKIAA1507; Urg4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222384 representing NM\_001077661  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGGAGATGACTGCGGGTTCATTATGGAGATGGTACAAACGAGGCTCAGGACAATGACTTCCCCA  
 CAGTGGAGAGAAGCAGGCTTCAGGAGATGCTGTCCCTGTTGGGACTGGAGACATACCAGGCACAGAAGCT  
 CACCCTCCAGGACTCCCTGCAGATCAGTTTTGACAGCATGAAGAACTGGGCTCCTCAGGTTCCCAAGGAC  
 CTTCCCTGGCATTTCCTCAGGAAGCTGCAGGCACTCAACGCCGAAGCCAGGAACACCACCATGGTGTGG  
 ACGTGCCTCCAGAGGCTGGCCTGCAGAGAAGGAGAGCCAGGCAGAGGAGGAGATGATGTACTGGGACCC  
 AGCGGAGGACGTCGCTGCTGACATCTACTTTCTCAGAGCTGCCATGCCTGATACGCCTGTGAACCCC  
 CTGGATCTTCTGCGCCCTCTGCTGTCTTCAGACACCTTTCTGCAGCAGGAAGTCTGCTGAAGATGT  
 CCCTCTGTGAGTTTGCACTCCACTTGTGTTGCCCGATTCTGAAAACCACTACCACACCTTTCTGCTCTG  
 GGCCTGCGGGGTGTTGTGCGGACGTGGTGGTTCCAGCCCTCCGGAGCCTGGGGAGTTTCCGAGAAGAC  
 AGTGTGGTCTGTCCAGGGTGCACACGTTTGCCTTCGTGCGCATGGATGTGAGCAGCAACTCCAAGTCCC  
 AGCTGCTCAATGCCGTCTCAGCCCGGCCCGCCAGTGGGACTGCTTCTGGCATCGGGACCTCAATTT  
 AGGCACTAATCCTCGCGAGATCTCGGATGGGTTAGTAGAGATCTCCTGGTTTTTCCCCAGTGGTAAGGAG  
 GACCTGGATGTTTTCCCGAGCCCATGGCCTTCTGAACTTGAGAGGTGACATTGGGTCTCACTGGCTGC  
 AGTTCAAGCTCTTGACAGAAGTCTCCTCTGCTGTGTTATTTTACTGACAACATCAGCAAGAAGGAATA  
 CAAACTGCTGACTCCATGAAGGAGTCAACCACAAAGTACTACTTCATCCTGAGTCCCTACCGAGGGAAA  
 CGGAACACGAACCTGCGCTTCTCAACAGGCTGATCCCAGTGTGAAGATAGACCCTCAGCAGTGGCTGG  
 TGAAGTCAAGCAGCAGGACAGGAGGGCTTCGTGAGGCGCATCCGAGCCATCATGTGACATGTGGCTCG  
 CTCTCCCTGCAGGAGGGTCTGTGGAGGACATGGCACACGCGGCACGTAAGCTCGGCCTCAGAGTTGAT  
 GAGGACTTTGAGGAGTGTGAGAAGGCAAAGGACCGGATGGAGAAAATCCTCAGGAAGATCAAGGATGTGG  
 ACGCCTACAAGAGAGACGAGCTGCGGCTGCAGGGCGAGCCTGCGAGGAGGGCCGCCAAGCTGAAAGAGA  
 GTTCTGCCAGCTCCAGTGGTCCCGAGCCCCAGAGAAGCACCGGGCCGAGCTGAGACGGCGCTCCTT  
 GAGCTCCGGGTGCAGCAGAATGGCCAGGAGCCACCTCAGGGTCCAGGAGTTCATCCTGGGAATAAGCA  
 GCCCTCCCGAGTGAGAGGCAGTACTTCTGAGATGGATGGAGTGGGGCTTGGCTGGCTTGGCCAGCC  
 ACGGCCAAGACAGCCTCCAGAGACCTTCTCACCTCAGACAAAACCTGGTGGGCCCTCAGACTTGACG  
 GAGCCACTCTGGCCTGAGCCCTGGGAGTGGAGCACTTCTACGGGAGATGGGCCAGTTCATGAAGCGG  
 AGAGCTGCCTGATCGAGGCAGGGAGGCTGCCCGCTGGCCAGAGGGCCTTGGCCACTTCCCGGGTGTGGC  
 TGTGAACTGCTGCTGGTGGGCTGCCCTGGAGCTGGTTCGATGGGGCCACCCTGAGCATCCCTGTTTGA  
 TGGGCTCACTGGGCTTCTCAAGGAGCTGCATACCCGCTAGACAGGAGATCTCGGCTAGTGGTTCTCTCTG  
 CCCTGGGGGTGCCTGGCACAGGGAATCTACACTCCTTAACACCATGTTTGGCCTGAAATTTGCCACTGG  
 GAGGAGCTGTAGTCCCGGGGGGCTTCATGCAGCTCCTCCCTGTAGCTGAGGGCTTCAGTCAGGACCTG  
 GGCTGTGACCAGATCCTGGTAATAGACTCTGGGGTGGTATCAGTGGGGCCTTGGCCTGCTGGAGACA  
 GGTTTGAAGTGGAGGCTTCTTGGCCACTGCTAATGGGGCTAAGTAATGTCACTGTGGTCAGTTTAGC  
 TGAACAAAGGACATCCCACAGCTGTTCTTTCATGCGTTTCTAAGGCTAGAAAAAATGGGGCAGATGCC  
 AACTATCAGTTTGTGTACCAGAACCTTCATGACCTGCCTGTTCCAGCCCAAAACCAAGAGACAGGAGGC  
 AGCTCCTGGATCCGCCAAGCAGCTGAGCAGGGTACCCACTTGGAAAAGCAGGGCGCGCTTCCGGAC  
 ACTGGCGGGCCTGGCCGAGAGGCAGCAGCTCTGGCACATCCCAGCCTTGTGGCATGGAGCGCCACCCATG  
 GCCGCTGTGAGCTTGGGCTACAGTGAAGCCATTTTGAATTGAAGAGATGCCTATTAGAAAAACATCAGGA  
 ATGGCTTGTCCAACCAGAACCAAAACATCCAGCAGCTCATTGAGCTGCTGCGCAGGCTG**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001077661  
**Insert Size:** 2652 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_001077661.1</a></u> , <u><a href="#">NP_001071129.1</a></u>
<b>RefSeq Size:</b>	5531 bp
<b>RefSeq ORF:</b>	2652 bp
<b>Locus ID:</b>	72046
<b>UniProt ID:</b>	<u><a href="#">Q5NCI0</a></u>
<b>Cytogenetics:</b>	11 A1
<b>Gene Summary:</b>	<p>May be involved in cell cycle progression through the regulation of cyclin D1 expression. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1. Variants 2-6 all encode the same isoform (2).</p>