

## Product datasheet for **MC206768**

### Uck2 (BC023789) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Uck2 (BC023789) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Uck2  
**Synonyms:** UK, UMK, TSA903  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC023789  
 CCACGCGTCCGCGGACGCGTGGGCGGGCACAGGAGAGCTCTCGGCACCTCCGGGAAAGCCACCTCGGCCT  
 CCCC CGCGCCCGGCTCCAGCCGCGGCCGCCCCAGCCTCGACCTCAGCAGCGACCAGCTGCTCCTGCGAG  
 GAGCCGAGCGAGCCCGTTCGCGGGCGGGAGCGTGCCTCGGTTCCGACAGGCTGCGAGAGGAGGGGCGGC  
 GCGAGTCAATGGCCGGGGACAGCGAGCAGACCCTGCAGAACCACAGCAGCCCAACGGCGGCGAGCCCTTC  
 CTGATCGGCGTGAGCGGGGACAGGCCAGCGGGAAGTCTTCCGTTTGTGCTAAGATCGTCCAGCTTTTGG  
 GGCAGAATGAGGTGGATTACCACCAGAAGCAGGTGGTATCCTGAGCCAGGATAGCTTCTACCGAGTCTT  
 CACCTCAGAGCAGAAGGCCAAAGCCCTCAAGGGCCAATTCAACTTTGATCACCCGGATGCCTTTGACAAC  
 GAACTCATCTTCAAACACTCAAAGAAATCACCGAAGGAAAACCGTCCAGATCCCCGTATACGACTTTG  
 TCTCCACTCACGAAAGAGGAGACGGTACCATCTACCCGCGACGTGGTGTCTTGAAGGGATCCT  
 AGCCTTCTATTCCCAGGAGGTCCGAGACCTGTTCCAGATGAAGCTTTTCGTGGACACAGATGCGGATACC  
 CGTCTGTCTCGCCGAGTATTGAGGGACATCAGCGAAAGAGGGAGGGACCTTGAGCAGATTTTATCACAGT  
 ACATTACGTTTGTGAAGCCTGCCTTTGAGGAATTCGCTTGCCAACAAAGAAATACGCCGATGTGATCAT  
 TCCTAGAGGTGCCGACAATCTCGTGGCCATCAACCTCATCGTGCAACACATCCAGGACATCCTCAACGGG  
 GGGCTCTCCAAGCGGCAGACGAACGGCTATCTCAACGGCTACACCCCTTCCC GCAAGAGGCGAGGCGTCAG  
 AGTCCAGCAGCCGACCATTGACTCCCGTGGCCCTGACTCCAAACCCAGCCCCCAGCTCCAAGACAC  
 AGGAGGGGTCGAGAGGCTCTGGTCACCTGTACATACGCCTCCTCAGAAAATTACTGTATTTAAGAAAACA  
 CCACGGAGATGAAATGCCTTGATTTCCCTTTCTGCCTTTTGTACTTTGGAACAGCAAATCTTGATGGAA  
 CTTGACCCTGAGCTTAAGTGACAACTGTGCCAACTAGTACTGGTATGCCTAATTATGAACCCAACGTG  
 TAACCAAGTTATAAATACACACATACATACGTCTATATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC023789  
**Insert Size:** 786 bp



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<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>	<a href="#">BC023789</a> , <a href="#">AAH23789</a>
<b>RefSeq Size:</b>	1312 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	80914
<b>Cytogenetics:</b>	1 H2.3
<b>Gene Summary:</b>	Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate. Does not phosphorylate deoxyribonucleosides or purine ribonucleosides. Can use ATP or GTP as a phosphate donor. Can also phosphorylate cytidine and uridine nucleoside analogs such as 6-azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine (By similarity).[UniProtKB/Swiss-Prot Function]