

## Product datasheet for **MC204703**

### Upp1 (NM\_009477) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Upp1 (NM\_009477) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Upp1  
**Synonyms:** AI325217; UdrPase; Up; UPase; Upp  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC036559  
 TTTACAACAGCCTAGCTCTGCATTCTTGACCACGTCCACACGGCCATTCTCTGGTCTTGACGAAGTG  
 ATTGACTGGTGGTCTCTGACACTCTGGAAGCCTTCTCGCGACGTGGACATCGGTCTTGACAGTCCTCCT  
 ACAGTGAGAACATGGCAGCTACAGGAACCTGAAGCAAAGGACCTTGAAAACCATCACAAATGACTGCTTCAT  
 CCAACTTTCAAATCCAAACATAGCAGCAATGAAGGAAGACGTGCTCTACCATTTCAACCTCAGCACTAGC  
 ACACACGATTTCCCTGCTATGTTTGGAGACGTGAAGTTTGTGTGTGGTGGAAAGCTCTTCCCGGATGA  
 ACACCTTCATCAAGTATGTGGCTGCAGAGCTGGGCCTTGACCATCCAGGGAAGGAATATCCCAACATCTG  
 TGCAGGCACTGACCGCTACGCCATGTATAAAGCCGGGCCCTGCTGTCTGTGAGCCATGGCATGGGCATT  
 CCTTCCATCGGCATCATGTTGCACGAGCTCATCAAGATGCTGTACCATGCCAGGTGCTCCAACATCACCA  
 TCATCCGCATTGGCACTTCAGGCGGATAGGTCTGGAGCCTGGCTCTGTTGTCATCACGCAGCAGGCAGT  
 GAATGAGTGCTTCAAGCCGGAGTTTGGAGAGATTGTCCTGGGAAAACGGGTGATTCGCAACACCAACCTG  
 GACGCGCAGCTGGTTCAGGAGTTGGTGCAGTGTCTCCTCAGACCTGAATGAGTTCCCATGGTTGTGGGCA  
 ACACCATGTGCACCTTGGACTTCTATGAGGGGCAAGGCCGTCTGGATGGCGCCCTCTGCTCTACACAGA  
 GAAAGACAAAACAGTCTTATCTGCGTGCAGCCATGCCCGGGTGTCCGAAATATCGAGATGGAATCTTCG  
 GTGTTTGCACCATGTGCAGTGCCTGTGGCCTGAAAGCGGCTGTGGTGTGTGTCACCTTCTGGACCGTC  
 TGCAAGGAGACCAGATCAAACTCCACGATGTGCTTGTGGAATACCAGCAGAGACCACAGCGGCTAGT  
 GGGCCACTTCATCAAGAAGAGCCTGGGACGGCCTGAGCCCTGTGCTTTTCCGCCCGGAGAAGCCTCTG  
 CAACTCCTGGGCAATAAATCTATTTTTTTCATAACACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** NM\_009477  
**Insert Size:** 936 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>	<u><a href="#">BC036559</a></u> , <u><a href="#">AAH36559</a></u>
<b>RefSeq Size:</b>	1188 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	22271
<b>UniProt ID:</b>	<u><a href="#">P52624</a></u>
<b>Cytogenetics:</b>	11 A1
<b>Gene Summary:</b>	<p>Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate (PubMed:7744869). The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1-3 encode the same protein.</p>