

Product datasheet for MC217916

Upp2 (BC027189) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Upp2 (BC027189) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Upp2
 Synonyms: UP2, UPASE2, UDRPASE2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC027189
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTTCCATTTGCTGCTTCTAATAGATCCATGAGACCTGACAAGAATACATACGAGAGCCCTGGCT
 GGACTGAGATTCCACAGTACAGACCAGGCTGCCCTCAGATTCACAGAAAACGGTCTGTGTATGTTAAGAA
 TCCATACCTGGAAGGCATGGACGAAGACATTCTCTATCACTTGGATTTAGGAACAAAACACACAACCTA
 CCAGCAATGTTTGGGGATGTAAAGTTTGTCTGCGTTGGTGGGAGCCCGAACAGAAATGAAGGCATTTGCAC
 AGTTTATGCACAAGGAATCCGGTTGGAGGGAGATGGAGAAGACATTGAAGACATCTGTGCGGGGACAGA
 CAGATACTGCATGTTCAAAACAGGCCCGTCTCCGTCAGTCACGGGATGGGCATCCCCTCCATTTCC
 ATTATGCTCCACGAATCATCAAATTAATCCACATGCACACTGCTGTGATGTTACCATCATCAGAATTG
 GAACGTCAGGGGAATTGGGATTGCACCAGGCTCCGTTGTAATAACAGATACAGCTGTAGACTCCTTCTT
 CAAGCCTCGATTTGAGCAGGTCATCTTGGATAACGTGGTCACCCGAAGCACTGAGCTTGACAAAGAACTG
 GCTAATGATCTGTTCAACTGTAGCAGAGAAATCCCAATGTTCCAACCCTCATCGGACACACGATGTGTA
 CCTATGACTTTTATGAAGCCAAGTGCCTAGATGGGGCGTTATGCTCCTTTTCGAGAGAGAAAAGCT
 AGACTACTTGAAGAGAGCATACAGAGCTGGTGTGTCAGGAACATTGAAATGGAATCGACTGTGTTCCGAGCC
 ATGTGTGGCCTGTGTGGCCTGAGAGCTGCTGTGGTCTGTGTGACACTTCTTACAGACTCGAGAGTGACC
 AAATCAATTTGTCCCATGATGTCCTGGTGGAGTACCAGCAACGGCCACAGCTTCTAATCTCAAATTCAT
 CAAAAACAGCTTGGACTTTGTGACCAGATGTCATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC027189



[View online »](#)

Insert Size:	1017 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).
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:	BC027189 , AAH27189
RefSeq Size:	2512 bp
RefSeq ORF:	1016 bp
Locus ID:	76654
Cytogenetics:	2 C1.1
Gene Summary:	Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis (By similarity). [UniProtKB/Swiss-Prot Function]