

## Product datasheet for **RN214730**

### **Ugp2 (NM\_001024743) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ugp2 (NM_001024743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214730 representing NM\_001024743  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGAGATTTGTACAAGATCTTAGCAAAGCTATGTCTCAAGATGGTGCTTCTCAGTTCCAAGAGGTCA  
 TTCTCCAAGAAGCTAGAATTATCTGTGAAGAAAGAATTAGAAAAAATACTTACCACAGCAACCTCACATGA  
 GTTTGAGCACACTAAGAAAGATCTTGATGGATTCGGAAGCTATTTACAGATTTTTGCAAGAAAAGGGG  
 CCTTCTGTAGACTGGGTAAAATCCAGAGACCTCCGGAAGATTCGATTCAACCCTATGAAAAGATAAAGG  
 CCAGAGGCTTGCCTGATAACATATCTTCTGTGTTGAACAACTGGTGGTAGTAACTCAATGGTGGTTT  
 GGGAAACCAGCATGGGCTGCAAAGGCCCTAAAAGTCTGATTGGTGAAGAAATGAGAATACCTTTTTGGAT  
 CTAACCGTTCAGCAAATGAACATCTGAACAAAACCTATAATACAGATGTCCCGCTCGTATTAATGAATT  
 CTTTTAACACGGATGAGGATACAAAAAATACTCCAGAAGTACAATCATTGTCGTGTAAAATCTACAC  
 CTTCAATCAAAGCAGGTACCCGAGGATTAATAAGGAATCTCTACTTCTATAGCAAAGGACGTATCTTAT  
 TCAGGGGAAAATACTGAAGCTTGGTACCCTCCAGGACATGGGGACATCTATGCCAGTTTCTACAACCTCTG  
 GTTTGCTCGACACCTTCATAGAAGAAGGCAAGGAGTATTTTTGTGTCTAACATAGACAACCTGGGTGC  
 CACAGTGGATCTTTATATTTAATCATCTAATGAACCCACCAATGGGAAACGCTGTGAATTTGTCATG  
 GAAGTCACAAATAAACACGGGCAGACGTAAGGGTGGGACACTCACTCAGTACGAAGGCAAACCTGAGGC  
 TGGTGGAGATTGCTCAGGTGCCCAAAGCACACGTTGATGAGTTCAAGTCTGTGTCAAAATTTAAATATT  
 TAACACAAACAACCTATGGATCTCCCTGGCCCGCGTTAAAAGACTGCAGGAACAGAATGCTATTGACATG  
 GAAATCATTGTGAACCCAAAGACATTGGATGGAGGCCCTGAATGTTATTTCAGTTAGAAACTGCAGTTGGAG  
 CGGCAATTAAGGTTTCGAGAATCTTTAGGTATTAATGTTCCAAGGAGTCGTTTTCTGCCTGTGAAAAC  
 CACATCAGATCTCTTACTTGTGATGTCAAACCTCTACAGCCTAACGCAGGATCTTTGACCATGAGTGAA  
 AAGCGTGAATTTCTACGGTACCTTTGGTTAAATTAGGCAGTTCTTTTACCAAGGTTCAAGATTATCTAA  
 GAAGGTTTGAAGTATACCCGATATGTTGGAACGGACCACCTCACGGTTTCAGGAGATGTAACATTTGG  
 AAAAAATGTTTCATTAAGGGAACAGTTATCATCATTGCAAATCATGGTGACAGAATTGACATCCCCCA  
 GGAGCAGTGTTAGAGAACAAGATTGTATCTGGAAACCTTCGGATCCTGGACC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024743
- Insert Size:** 1527 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:**

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:** [NM\\_001024743.1](#), [NP\\_001019914.1](#)

**RefSeq Size:** 2138 bp

**RefSeq ORF:** 1527 bp

**Locus ID:** 289827

**Cytogenetics:** 14q22