

## Product datasheet for **RN217034**

### **Idua (NM\_001172084) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Idua (NM_001172084) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Idua
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN217034 representing NM\_001172084  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGCCCCCGCGCCCCGCTCTGCTATGCTGATATTTTTTGCAGCGTTCTTGCCCTCGCCCTGGCGC  
 TGGCTGAGACACCGTACCTGGTGC GCGTGGACGACGCCCGCTGAGGCCTCTGCTGCCCTTCTGGAG  
 GAGCACCGGCTTCTGCCCCCACTGCCTCACGACCAGGCTGACCAGTACGACCTAGTTGGGACCAGCAA  
 CTGAACCTTGCTACATAGGTGCTGTGCCTCACAGTGGCATTGAGCAGGTCGGATACACTGGTGCTGG  
 ACCTCATCACAGCCAGGAAGTATCAGGCCAGGGATTGATCTACAACCTCACCCACTTGGATGCATTCT  
 GGACCTCCTCATGAAAACAGCTTCTCCCGGATTTGAGCTAATGGGCAGTCTTCTGGTACTTCAGC  
 GACTTTGAGGACAAGCAGCAGGTGTTTGAATGAAAGACCTGGTTTCTCTTGGCCAGGAGATACATTG  
 GTAAGTATGGGCTGACAAATGTTTCAAGTGAACCTTTGAAACTTGAACGAACCAGACCACCATGACTT  
 TGACAACGTGTCCATGACCACACAAGGCTTCTGAATTACTATGACGCTTCTCTGAGGGCTGCGCATT  
 GCCAGCCCTACTTTGAGGCTGGGTGGTCTGGGATTCTTCCACCCCTGCCAAGGTCACCAATGTGCT  
 GGAGCCTCCTGGGACACTGTGCCAACGGAACCACTTCTTCACTGGTGAGGTGGGCGTCCGCTAGATTA  
 CATCTCCCTGCACAAGAAGGGTGCAGGCAGCTCCATCGCCATCCTGGAGCAGGAGGTGGCAGTCTGGAG  
 CAGATCCAGCAGCTTCCCAAGTTCAAGGACACCCCTATTTATAATGACGAGGAGGAGCCCTCTGGTAG  
 GCTGGTCCCTGCCGAACCTTGGAGAGCCGATGTGACTTATGCCGCCCTAGTGGTGAAGGTCATCGCACA  
 GCACCAGAACCTGCTGTTGCCAACAGCAGCTCCTCCATGCGCTACATACTCCTCAGCAATGACAATGCC  
 TTCTGAGCTACCACCCGTACCTTTCTCCAGCGTACACTTACTGCTCGCTTCCAGGTCACCAACTC  
 ACCACCCACGTGCAGTTGCTGCGGAAGCCAGTACTCACAGTCATGGGGCTGATGGCCCTGTTGGATGG  
 AGAGCAACTCTGGGCAGAGGCTTTGAAGGCTGGGGCTGTGTTGGACAGCAACCATACAGTGGGTGCTCTG  
 GCCAGCACCCATCACCTGAAGGTCCCTCAGAGGCCTGGAGAACCACTGTCTGATCTACACTAGTGATG  
 ACACCCACATACACCCTAACGACAGTATCCCTGTTATTCTTCTATCTGCGTGGAGTACCTCTGGCTTGA  
 GCTTGTCTACGTAGTACTTACTTAGACAATCAACTCAGCAGCCCTACAGTGCATGGCAGCACATGGGC  
 CAGCCAGTCTTCCCTCTGCAGAGCAGTCCGACAAATGCGCATGGTGGAGGACCCAGTGGCTGAGGCAC  
 CGCGCCATTTCTGCTAGGGGCCGCTGACCCTGTACCGTAACTTCCAGTGCCATCTCTCATGCTGGT  
 TCATTTATGCGCACGCCCTTGGAGCCACCAGGGCAGGTGAGCCGCTCCGTGCACTGCCCTGACACGT  
 GGGCAGCTGGTCTGGTCTGGTCCGATGAGCATGTGGGCTCCAAGTGCCTGTGGACATATGAGATCCAGT  
 TTTCCAGAAAGGTTGAAGTATATGCCCAATCAACAGGAGGCCGCTACTTTTAACTATTTGTGTTGAG  
 CCCCAGACAGCTGTGGTCTCTGGCTTCTACCGAGTGCAGCAGTGGACTACTGGGCCCGCCGGGCCCC  
 TTCTCCGACCCTGTGACTTACCTGGATACCCCTGCCTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001172084

**Insert Size:** 1932 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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>NM_001172084.1, NP_001165555.1</u>
<b>RefSeq Size:</b>	2582 bp
<b>RefSeq ORF:</b>	1932 bp
<b>Locus ID:</b>	360904
<b>Cytogenetics:</b>	14p22