

## Product datasheet for **RN211723**

### Ubn1 (NM\_001106977) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ubn1 (NM\_001106977) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ubn1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211723 representing NM\_001106977  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGAGCCCCACAGGGTCCAGTTCACCTCTCTCCAGGTTCTTTGAATCCTGCATTGTTAAAGAAGT  
CCAGGAAAGAGGAGGTTGGAGGAACAGAGCAGCATCAAGACTGCGAGCCAGCTGCAGCGCTGTTCCGGAT  
TACTACTCTCTTCGAACCCGATCACAAGCGCTGCCAGAGTCTTTACCCAGAGCTGGTGAAGAAC  
ACCCGCGGAAAGGTGAAAGGCCCTTCATCCTGGAGATAAGAAAAAAGATGTCTGGATCCTTTCAATGATG  
AAGAAAAAGAAAGGCATAAGGTGGAGGCCCTTGCACGAAATTTGAAGAAAAATATGGTGAAAGAAACG  
TAGAAAAGACCGAATACAGGATTTGATTGATATGGGGTATGGCTACGATGAATCGGATCTTTTCATCGAT  
AACTCTGAGGCGTATGATGAACCTGTTCTGCTCTCTGACTACAAAGTATGGAGGATTTTACATCAACT  
CAGGAACCTTGCAGTTTAGACAAGCTTCAGAATCTGAGGATGACTTCATTAAGAAAAAGAAGAAAAATC  
TCCAAAGAAGCGGAAGTTGAAGGAAGTGGTGAAGATAAAAAGAAGAAAAAAGATGACTTATGAC  
AAGGAGAAGAAATCGAAAAAGTCCAAGTTTTCAAAGCCGGCTTACAGCCCTCAATGCCAGCAAGGAGA  
AAAAGAAGAAGTACTCTGGGTCATTAAGTGTTCGAGAGATGCTCAAGAAATTCAGAAGGAGAAAGA  
GGCTCAGAAAAAGAGAGAGGAAGAACATAAGCCTGTAGCTGTGTCATCAGTAGAAGCTCAGGCGCTGAGG  
GAACTGGAGGGCACTTCTGACCCATTGCTCTCACTCTTTGGCTCTACTTCTGACAATGACTTGCTCCAAG  
CTGCCACTGCCATGGACTCCCTGACGGATTTGGACTTGGAGCAGCTGCTCAGTGAGTCTCCAGAAGGAAG  
CCCTTTCCGAGATATGGATGATGGAAGTGAATCCCTTGGGGTGGGATTGGATCAGGAATTCAGGCAGCCC  
TCCTCCTTCCCGAAGGCTGCCAACCCCTGGAGAAGCGTGTAAAGGAGCTGGCTCAGGCTGCCAGAG  
CTGCGGAGGGAGACAGCAAGCAGAAGTCTTCACTCAAGATATTAATGGCATCTTGCTAGACATAGAGGT  
ACAAACCCGGGAGCTGACTAGCCAAATCCGTTCTGGGGTGTTCGCTATCTGGCTTATTCTGCTGCCCTGC  
AGCAAGGATGCTCTGGTCAAGCGTGTCTCGAAGCTTCACTCTACGAACAGGGTGGGCGCCTAAAAGAGC  
CACTCCAGAAGCTCAAGGATGCCATTGGTAGGGCCATGCCTGAGCAGGTGGCCAAGTACCAGGATGAATG  
CCAAGCACACACAAGCAAAGTTGCTAAGATGCTGGAGGAAGAGAAAGACAAGGAGCAGAGAGAACGG  
ATTTGTTCTGATGAAGAAGAAGATGAAGAAAAGGGGGCCGAGAAATATGGGACCCCGAAGAAATTC  
AGTGGAATGATGAAATCAGGGAACCTTTTCCAGGTGGTGAAGATCAAGCTGGAGAGCCGTGATCTGGA  
GAGGAACAGCAAGGCCAGGCTGGGAGGACTGTGTAAAGCTTTTCTGGATGCTGAGGTCAAGCCTCTC



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TGGCCAAAGGCTGGATGCAGGCCAGGACTCTATTTAAGGAGAGTCGACGAGGCCATGGGCATCTGACAT  
CACTTCTGGCCAAGAAGAAAGTAAAGCACCCTCAAAGTCAAGACGAAGGAATCATCTGTTAAGCCTGA  
CAAAAAAGTTTCTATCCCATCAGGACAGCATGGTGGTCCCACCCTTTGCTCTCAGAACATCAAGGCGGA  
GGCCTGAACATTGGGGCAACAGCAGGGAGCATCCGTCCCAGGCAACTTGGCGCCTCACTGACCCTGTTCC  
CTGTACCCTGGAGGATCACTGGATGAAGACTGGTCCGGAATCCAGCCTCCTGTGGATGCTGTGTC  
TAAGGAGCTGGCTGTATTGAACAGCAGAGCAGCCAACAGTTCTGAATTCACACTGCCTGCTCCCTCCAAA  
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CTGCACCACCCCTACGAATGCTCTGCAGTCACCTCTCAATTTTCTGGCTGAACAGGCTCTAGCACTGGG  
GCAGTCTCTCAGGAGAAAAAGCCAGAGGGTCTGGCTACAAAGAGCTATCCTGTGAGGCTCCCTTAGC  
AAGGGTATGCCTGAATTGCACCAGTCTAAAGCAAAGCACCATAGCTTGCACGGACGCTCATGGACCCC  
AGGCAGCAGCTCCCGTGCCTGGTCCCAAGTTAAAGTCTTTTCATGCAGGCACTCAACAGCAGAAAAGCTT  
CACACCCCATCCCATTTGTCAACAAGCTTCAAGGCCAAAGGCCACCTCTCCACAGTGCATCGTTCC  
TTCTTGACAGTGGTAAAGACAGCAGCCAAAGGCCAGTCTTCCATGCCACTATGCCAGCCTCCTCCGGAA  
GTTACCAGCCTCCAGCAGCAGTCCCATAAGACGACAGCCTCAAATTCTACCACCATCAGCCATCCAGC  
AAAGTGCATCCAGCCAGCTCTGTGGGGCCATCTATAAGAATAACCCTTTTGCAGGCTCAATCTCTAAA  
CATGGGGCTGCTTCTAGCAGCACATCGTCTGGAGGAGGCCAAGTACAGAGCTCTGTTTCTGGGACCT  
TGCTCCCTGGCGTGCAGCCTCCCTCGGCAGGACAGCCTGCTAGCCGAACTGCCCAAGTTCTGCTGTGAA  
AAAAACACCTGTTACTCAGAAGCTGACCCTTGTGGCTCCGCTGGAGGTCCAAATGGAGATTCTGGTGGT  
GGGACCCAGGGAGTGGCAAAGTTACTGACCTCCTCCCTGAAGCCTGCTGCAGTTAGTAGTGTGACATCGT  
CTACCTCCTTGCCAAAAGGAACTGGCGGGGAGTGTGCTGTCCAACAACCTTTCTTTAAGTCTGCTGTC  
TTCATCTATAAGTCCAACACCCCAAGCTTCCAGGGACTATGAACTCAAACCTACTAGGAATCATAACC  
CCATTTCCACTTCATGTACTCTCCTTCAAGTGCAGACTCCTCTGCCAAAGCAGGAGTCTCTAAGGATGCCA  
TTGTCACAGTCCAGCCCTGGGACCTTCCACCATGGCCTCAGCCACAGTCTTCTGGCTGGCTTGCAATC  
CAGCCCACCCACACAGGCCTCTCCACATGCTGCTGTGTCTACCCATGTCCACAGAGTCTGCCAGAT  
ACTTCACAGTTCATGGGAAAGGCCTGTTGTCCCGAGGAAATTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001106977

**Insert Size:**

3408 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\\_001106977.2](#), [NP\\_001100447.2](#)

RefSeq Size: 6379 bp  
RefSeq ORF: 3408 bp  
Locus ID: 302935  
Cytogenetics: 10q12