

## Product datasheet for RN209621

### Uba6 (NM\_001107213) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Uba6 (NM\_001107213) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Uba6  
**Synonyms:** RGD1308324; Ube1I2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209621 representing NM\_001107213  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGCGGTCTGAGCCGTTGGCTGTGCTTTCTGTGAAGAAGCGTCCTGCTCCTCTGGGGAGCCTGCC  
 GTGCAAGTAAAAATTTACCTACCATGACAACAGAATCTTTGGAAATCGATGATGGATTATACAGTCGACA  
 GAGATATGTTCTCGGTGACACGGCAATGCAGAAGATGGCCAAGTCCTGTGTCTTCTTAAGTGGTATGGGT  
 GGTCTTGGAGTGGAAATTGCAAAGAATCTGTACTTGCAGGGATTAAGGCACTGACAATTCATGATACAA  
 AAAAAATGCCAAGCCTGGGATCTAGGGACCAATTTCTTCTGTGTGAAGATGATGTTGTTAATGAGAGAAA  
 CAGGGCTGAAGCTGACTTCATCGTGTTCAGAACTAAATCCTTACGTTTCAGGTCTCATCATCTCTGCC  
 CCTTTTGATGAAACCACAGACCTCTCTTCTTAGAAAAATACCAGTGTGTAGTATTGACTGAAACAAAAC  
 TGACATTACAAAAGAAAATCAACAACCTTTGCCATTCTCATTGCCCTCCAATTAAGTTTATTAGTACAGA  
 TGTACATGGAATTTGGTCCAGGTTGTTTTGTGATTTTGGTGATGAATTTGAAGTTTCAGATACAACAGGA  
 GAAGAACCAAAAAGAAATTTTCAATTTCAAACATAACGCAAGCTAATCCAGTATTGTCACCTGCCTTGAAA  
 ATCATCCCCACAAGCTTGAGACAGGACAGTTCCTAACATTTTCGAGAAATTAATGGAATGGCAGGCTTAAA  
 TGGATCTGTACAACAGATAACTGTGATATCACCATTTTCTTTCAGCATTGGTGATACACGGAACCTGGAC  
 CCATATTTACATGGAGGCATAGCTGTGCAGGTTAAGACTCCTAAAAATATTCAACTTTGAACCCCTGGAGA  
 GCCAGATAAAAACATCCAAAGTGCCTTATTGCAGATTTTAGCAAACCTGAGGCACCTTTACAGATTATGT  
 AGCCATGCTTGCCTTGGACCAGTTTCAGGAAAACCTACAGTCGTAAGCCAAATATCAGGTGTCAGCAAGAT  
 TCAGATGAACTGTTGAAGCTAACAAATATGTATAAGTGAACCTTGAAGAGAAGCCTGAGGTGAATGCTG  
 ACATTGTGCACTGGCTTTCATGGACTGCTCAAGGCTTTTTACCCCACTTGTGCTGCAGTCGGGGGTGT  
 TGCTAGCCAAGAAGTATTAAGCTGTGACCGGGAAGTTTTCTCCTTTGTGTCAATGTTGTATCTTGAA  
 GCAGCAGATACCGTGAATCCCTAGGCAATCTTGGGCATGAAGAGTTTCTCCACGAGGAGATAGATACG  
 ATGCCTTCCGTGCTGCATTGGAATACATTATGTCAGAAGCTACAGAACTTGAATATCTTCTAGTAGG  
 ATGTGGCGCCATAGGCTGTGAAATGTTAAAAATTTTGCATTACTGGGTGTTGGTACAGGTAGAGAGAAA  
 GGAATGTTAACAGTTACAGATCCTGACTTGATAGAAAAATCCAACCTAACAGACAGTTCCTGTTTCGCC



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CTCATCATATACAGAAACCTAAAAGCTATACTGCTGCTGAAGCAACTCTGAAAATAAATCCTCAATTA  
 AATAGATGCACACCTGAACAAAGTCTGTCCAGCCACCGAGATACATACAGTGATGAATTTTACAATAAG  
 CAAGACATCGTCATTACAGCACTAGATAATGTGGAAGCCAGGAGATATGTAGACAGCCGCTGTTTAGCA  
 ATCTACGGCCTCTCTTAGATTCTGGAACAATGGGTACCAAAGGACACACCGAAATATTGTACCTCAATT  
 GACTGAATCTTATAATAGTCACCGAGACCCCGAGAAGAGGAAATACCATTTTGCCTCTCAAGTCTTT  
 CCGGCAGCTGTCGAACATACTATCCAATGGCAAGAGACAAGTTTGAAGTTCCTTCTCCATAAGCCTT  
 CACTGTTTAAACAAATTTTGGCAAGCCTATCCTTCTGCAGAAGATGCTTACAGAAGATACAAAATGGACA  
 GAGTTTAGAAGGCTGTTTTCAAGTTATTAAGCTGCTTAGCAGAAGACCTAGAATGTGGTCCAATGTGTA  
 GAATTAGCAAGACTAAAGTTTGA AAAAATACTTCAACCATAAAGCCCTTCAGCTTCTTCACTGCTTTCCTC  
 TTGACACACGATTGAAAGATGGCAGTTTATTTGGCAGTCAAAAAAGGCCTCCTTCTCCAATAAAATT  
 TGATTTAAATGAGCCTTTGCACCTCAGTTTTCTCAGAATGCTGCAAAACTATATGCTACAGTATATTGC  
 ATTCCGTTTTAGAAAAGGACTTATCAGTAGATAGCCTCATGGACATTCTTTCAGAAGTTAAAATTCAGG  
 AATTCAAGCCTTCCAACAAGTTGTTCAAACAGATGAACTGCAAGGAAACCAGACCATGTTCTGTCTC  
 CAGTGAAGATGAGAGGAATGCTGTTTTCCAAGTACAGAAAGGCTCTTCTCTAACAAAGCCACAAAAGT  
 GACCTTCAGATGGCAGTCTTTTCAATTTGAAAAGATGATGACAGTAATGGACACATAGATTTTCATCACAG  
 CTGCTTCCAACCTTCGAGCCAAGATGTATAACATTGAACCAAGCTGACCGTTTTAAAATAAACGCATAGC  
 TGGTAAAATTATACCTGCTATAGCAACATCTACTGCTGCAGTTTCTGGCTTGGTTGCCTTGAGATGATC  
 AAAGTAGCTGGTGGCTATCCCTTTGACGCTTACAAAACTGTTTCCTTAATTTAGCCATTCCAATAATAG  
 TGTTCACAGACATCTGAAGTAAGAAAACTGAAATCAGAAACGGAATATCATTTACAATTTGGGACAG  
 GTGGACTGTACATGGAAGAAGATTTCACTCTCTCAGATTTTCAAAATGCTGTTAAAGAGAAGTATGGA  
 ATTGAGCCAACAATGGTGGTGCAGGGAGTCAAATGCTTTATGTTCTGTAAATGCCAGGTCATGCAAAAA  
 GGCTAAAGTTAAACATGCACAACTTGTGAAGCCTTCCACTGAGAAGAAATATGTGGATCTTACTGTGTC  
 GTTTGGCCAGACGCTGATGGAGATGAAGATTTGCCAGGCCCTCCAGTAAGATACTACTTCACTGATGAC  
 ACTGATGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107213
- Insert Size:** 3162 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\\_001107213.1](#), [NP\\_001100683.1](#)
- RefSeq Size:** 6567 bp

RefSeq ORF: 3162 bp  
Locus ID: 305268  
Cytogenetics: 14p21