

## Product datasheet for **RN208139**

### **Uba2 (NM\_001100579) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Uba2 (NM_001100579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uba2
Synonyms:	Sae2; Uble1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208139 representing NM\_001100579  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCTGTGCGGGGGTTACCCCGGGAGCTGGCCGAGCGGTGTCCGCGGCCGGGTCTGGTGGTTG  
 GCGCGGGTGGTATCGGCTGTGAGCTACTTAAGAATCTGGTGTCACTGGCTTCTCCACATCGACCTGAT  
 TGATCTGGACACTATCGACGTACGAACCTCAACAGGCAGTTCTTGTTCAAAAGAAACATGTCGGAAGA  
 TCAAAGGCTCAGGTTGCCAAAGAAAGTGTCTTCAAGTCCACCCCAAGCGAACATTGAGGCCACCATG  
 ACAGCATCATGAACCCAGACTATAATGTGGAGTTTTTTCGACAGTTTATATTGGTTATGAACGCATTAGA  
 TAACAGAGCTGCACGAAACCATGTGAATAGGATGTGTCTGGCAGCTGACGTGCCTCTCATTGAGAGTGGG  
 ACTGCTGGGTATCTTGGACAGGTGACCACGATCAAGAAGGGTGTGACTGAGTGTACGAATGTCATCCTA  
 AGCCGACCAGAGAACGTTCCCTGGCTGTACGATTCGGAACACACCTTCAGAACCTATCCATTGCATCGT  
 ATGGGCCAAGTATTTGTTCAACAGCTGTTTGGAGAGGAAGATGTGATCAAGAAGTGTCTCCTGACAGA  
 GCTGACCTGAAGCTGCTTGGGAACCAACAGAGGCTGAAGCCAGAGCCCGAGCATCCAATGAAGATGGAG  
 ACATTAAGCGGATTTCCACTAAGGAATGGGCTAAGTCAACTGGATACGATCCAGTAAACTTTTTACCAA  
 GCTTTTTAAAGATGATATTAGGTACCTGCTGACAACTCTGGCGCAAGAGGAAACCTCCAGTT  
 CCACTGGACTGGGCTGAAGTGCAGAGTCAAGGAGAAGAAGCCAATGCTGATCAACAAAGTGAAGCCCACT  
 TGGGTTTGAAAGACCAGCAGGTTCTGGATGTAAGAGCTACGCAAGTCTGTTTTCAAAGAGCATCGAGAC  
 CCTGAGAGTCCGTTTAGCCGAGAAGGGAGATGGAGCTGAGCTCATCTGGGATAAGGACGACCCACCTGCA  
 ATGGATTTTGTACGCTGTGCTGCAAACCTCAGGATGCACATTTTCAGCATGAACATGAAGAGCAGGTTTG  
 ATATAAAATCAATGGCGGGGAACATCATCCCTGCTATAGCCACCACTAATGCAGTGTGCGCGGCTTGAT  
 AGTGTGGAAAGGATTAAGATTTTATCTGGAAAATAGACCAGTGTAGAATATATTTTTGAATAAGCAG  
 CCAAACCCGAGAAAGAAGCTCTTGGTGCCTGTGCACTAGATCCTCCCAACCAACTGTTACGTTTGTG  
 CCAGCAAGCCAGAGGTGACCGTGCAGGCTGAATGTCCCAAAGTACTGTCTCACCTTACAGGATAAGAT  
 AGTGAAAGAAAAGTTTGTATGGTGGCACCAGATGTCCAAATTGAAGATGGGAAAGGCACAATCCTGATA  
 TCTTCAGAAGAGGGAGAGACAGAAGCTAATAACCCCAAGAAGTTGTCTGATTTTGAATTAGAAATGGCA  
 GCCGGCTCAAGCAGACGACTTCTGCAGGACTACACTTGTCTGATCAACATTCTCATAGCGAGGATCT  
 AGGAAAGGATGTTGAATTTGAGGTAGTTGGTGCACCCCTGAAAAAGTGGTCCAAAACAAGCTGAAGAC  
 GCTGCCAAAAGCATTGCCAACGCGACGATGATGGCGCCAGCCTTCCACCTCCACAGCACAAGAACAAG  
 ATGATGTGCTCATAGTTGATTGATGATGAAGAAGGCCCTTCAAATAGCGCCGACGGTAGCAGGACGATAG  
 GACCCGCAAGCGGAAACTGGAAGAGAATGAGGGTGCCAGTACCAAGAAGTCCCGCTTGGAGCAGGTGGAA  
 GATCAGGATGACGTCATAGCATTAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001100579
- Insert Size:** 1920 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\\_001100579.1](#), [NP\\_001094049.1](#)

**RefSeq Size:** 2640 bp

**RefSeq ORF:** 1920 bp

**Locus ID:** 308508

**Cytogenetics:** 1q21