

Product datasheet for **RN201326**

Uba7 (NM_001106856) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uba7 (NM_001106856) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uba7
Synonyms:	Ube1l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201326 representing NM_001106856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGAAGAGCTGTA
 CTCTCGAGGCAGCTGT
 ATGTACTGGGCTTGCC
 TGCTATGCAGAGGATC
 CGGGAAG
 CCAAAGTCTTGCTGT
 GTGGCCTGCAGGGCT
 GGGAGCTGAGGTGGC
 CAAGAACCTGGTCCT
 TATGGGTGT
 GGGCAGCCTCACCT
 GCATGATCCCATCCC
 ACCTGCTGGGCTGAC
 TTTGGCTGCTCAGT
 TTTTCTCTCA
 GAAGAGAGCTTGGG
 AAGGAGCAGGGCTG
 AGGCCTCTCAACCAC
 AATTGGCCCAGCTTA
 ATGAAGCTGTCC
 AGATCTCCGTCCAC
 AGAGCGACATCACT
 GAGGACCTAGTGCG
 GGGTTTTTCAGGT
 AGTGGTGCTGACTG
 A
 CTCCAAGCTAGAGG
 ACCAGCTGAATATG
 GGGAGCCTTGTCCT
 ATAAGAATAGAGTCT
 ACTTCTCATGGCT
 GAAACCCGGGCTTG
 TGGGGCGGTTATTCT
 GTGATTTTGGTGAG
 GACTCACTGTTGTG
 GACCCTACAG
 AGGTGGAGCCACGT
 CAGCTGCCATCCAG
 GACATCTCTCAGGG
 CCCCCGGCATTGT
 CACTCTGAGAGG
 AGGCAGAAAAGAC
 CTTCTTTTATGATG
 GGGACTTGGTGATG
 TTCTCAGACATTGA
 AAGCATGGTTGAA
 CTAACAGTCATTCT
 CCACAGCCTGTCCG
 TGTGCAGAAAGATG
 GATCCTTGGAGATT
 GGAGATACAACAA
 CTTTCTCCCGTTA
 CTTGAGGGTGGGGT
 TGTCACTGAAGTCA
 AAGAGACCAAGACT
 GTGAAGCATAAGCC
 CCTGGACATAGCTC
 TGCTCCAGCCCTGC
 ATGGTGGTCCAGAAT
 ACTCAGGAAATACA
 ACGCGCTCACTGC
 CTACACCAGACCTT
 CCATGCACTGCACA
 AGTTCAGCAACTTC
 ATGGCCGGCTACCC
 AAGCCCTGGGATC
 CTGATGACGCAGAG
 ACCGTGGTGTGGCT
 TGGCCAGGACCTAG
 AGCCACTAAAAGGG
 GCAAAAAGAAGATC
 GCTGGATGAGGCTC
 TACTCCGGACAATT
 GCCCTGAGTAGTGT
 GCTGGTAGCTTAAG
 TCCCATGGCAGCCAT
 TGGGGAGGAGTGG
 CTGCCAGGAAGTCT
 CCGGAAGTTCATGC
 CCCTGGACCAGTGG
 C
 TGTACTTTGATGCC
 TTGAATGTCTTCC
 AGAAGATGAGACGCT
 CCTGCCAGCTCCTG
 CCCAGTCCCTGAGG
 ACTGTCATCC
 AAGAAACTGCCGAT
 ACGACGGGCAAATT
 GCTGTGTTCCGGACT
 GGTTCAGGAGAACT
 GAGCTACAAA
 CACTACCTCTTGG
 TAGGTGCTGGTGCC
 ATTGGCTGTGAGAT
 GCTCAAAGTTTTGC
 CCTAGTGGGCTGG
 GAGTTAGGGATAAT
 GCGGTGTGACAATT
 GCTGACATGGACC
 ACGTAGAACGCTCC
 AACCTCAGCCGGCA
 GTTCTCTCAGGCC
 CAAGGACTGGGAGG
 CCCAAGGCAGAGGT
 GGCTGCAGAGGCAG
 CCCATCGCCTA
 AACCCAGACCTGCA
 AGTGACTTCACATA
 CACTGCCCTCTGG
 ATCCCACCACAGAG
 GACATCTATGACG
 ACG
 ACTTCTTCTCCAG
 GGTGGACGGCGTT
 GTTGTCTTGGACAG
 TTTCCAGGCCGGCA
 CTATGTTGTCTG
 C
 TCGATGCACCCACT
 ATTTGAAACCACTG
 CTGGAGGCAGGCAC
 CCCAGGGAACCCGG
 GGGAGTGCTTCAG
 TG
 TTTGTGCCATATGT
 GACAGAAGTCTACA
 AAGTCTACCTCAGC
 CAGGAAAGCTCCCT
 ACCCTGTGTGCA
 CCTGCGGCATTTCC
 CAGCACTGTGGAGC
 ACAGCCTGCAGTGG
 GCCCAGGACGAATT
 TGAGGGCTCTT
 CAGACTATCCGCAG
 AGACCATCAACGACT
 ACCAACAGTGCTTG
 AGGACGGAACCTGT
 TTTCTGGTCAAGAT
 CCAAAAAGTGCCCA
 CATCCCTTGCAATT
 TGATCCCAACCAAG
 ACACGCATTTCTCT
 ATGTACTGGCAGC
 TGCCAACCTGTATG
 CACGGATGCATGGG
 CTGCCGGCTCACA
 AAGTCAGACTGCA
 CACTCAGGGAAGT
 GCTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106856
Insert Size: 2031 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:	<ol style="list-style-type: none">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:	<u>NM_001106856.1, NP_001100326.1</u>
RefSeq Size:	3063 bp
RefSeq ORF:	2031 bp
Locus ID:	301000
Cytogenetics:	8q32