

Product datasheet for **RN203642**

Uba3 (NM_057205) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uba3 (NM_057205) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uba3
Synonyms:	Ube1c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203642 representing NM_057205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGATGGCGAGGAGCCGGAGAAGAAAAGAAGGAGAATAGAGGAGCTGCTGGCTGAGAAAATGGCTG
 TTGATGGTGGGTGTGGGACACTGGAGACTGGGAAGTCGCTGGAACCATGTAAAGAAGTTCCTCGAGCG
 GTCGGACCCTTACACACCCTGATTCGAACCGAGCACTGAATCACTCCAGTTCCTGTTAGATACATGT
 AAAGTTCTAGTCATTGGAGCTGGTGGCTTAGGATGTGAGCTACTGAAAAATCTGGCATTGTCTGGTTTTA
 GACAGATTCATGTTATAGACATGGACACTATAGATGTTTCCAATTTAAATAGGCAGTTTTTATTTAGGCC
 TAAAGATGTTGGAAGACCAAGGCTGAAGTTGCTGCAGAATTCCTGAATGACAGAGTTCCTAACTGCAAC
 GTGGTCCACATTTCAACAAGATTCAAGATTTTAAACGACACTTCTACCGACAATTCATATTATCGTAT
 GTGGCCTGGACTCTATCATAGCCAGGAGATGGATCAATGGAATGCTGATATCTCTCTAAATTATGAAGA
 TGGTGTGTGGATCCAAGCTCCATCGTACCTTTGATAGATGGGGGCACAGAAGGCTTTAAAGGGAATGCC
 CGAGTGATTTTGCTGGAATGACCGCTTGATTGAGTGCCTCTGGAACCTTACCACCACAGGTCATTT
 TCCCCATGTGTACCATTGCATCTATGCCAGGCTCCCAGAGCACTGTATCGAGTATGTAAGGATGTTGCA
 GTGGCCTAAAGAGCAGCCTTTTGGAGATGGGGTCCATTAGACGGAGATGACCCTGAACATATTCAGTGG
 ATTTTCCAAAAGTCTGTAGAGAGAGCATCAACAATAATATTAGAGGTGTACCTACAGACTCACTCAAG
 GGGTAGTAAAACGAATCATTCCCGCAGTAGCTTACAAAATGCAGTCATTGCAGCTGTGTGTGCCACTGA
 GGTTTTCAAGATAGCTACAAGTGCATACATTCCCTTAATAATTACTTAGTATTCAATGATGTAGATGGA
 CTGTACACTTACACATTTGAAGCAGAGAGAAAGGAGAAGTGCCTGCGTGTAGCCAGCTTCTCAAACA
 TCCAGTTCTCCCATCAGCTAACTGCAAGAGGTGTTAGACTATCTAACCAATAGTGTCTCTGCAAAAT
 GAAGTCTCCAGCTATTACAGCCACATTAGAGGGGAAAAACAGGACACTTTATTTACAGTCAGTAACGTCT
 ATTTGAAGAACGAACGAGACCGAATCTTTCCAAAACATTTAAAGAAGTGGGACTAGTTGATGGACAAGAAC
 TGGCTGTGTGCTGACGTCACCACACCACAACTGTACTATTCAAACCTCATTCTTAACTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_057205

Insert Size: 1389 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:	<u>NM_057205.2, NP_476553.1</u>
RefSeq Size:	2189 bp
RefSeq ORF:	1389 bp
Locus ID:	117553
UniProt ID:	<u>Q99MI7</u>
Cytogenetics:	4q34
Gene Summary:	catalytic subunit of the activating enzyme of the ubiquitin-like NEDD8 conjugation pathway (known as neddylation); inhibits transcription induced by steroid hormone receptors [RGD, Feb 2006]