

Product datasheet for RN208623

Ube2f (NM_001008381) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2f (NM_001008381) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ube2f
Synonyms:	RGD1307608
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208623 representing NM_001008381 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAACTCTGGCAAGCAAGTTGAAGCGGGATGATGGTCTCAAAGGATCCCGGGCCTCAGCCTCCACAT
CCGACTCCACTCGGAGGGTTTCTGTGAGAGACAAGTTGCTTGTTAAAGAGGTTGCAGAACTTGAAGCTAA
TTTACCTTATGAGGGTTACTACCAGGGTGGAAAATTTTCAGTTTGAAGTTCCTGATGCCTACAAC
ATGGTGCCTCCCAAGGTGAAATGCTTGACTAAAATCTGGCACCCCAACATCACAGAAACAGGGGAAATAT
GCCTAAGTTTACTAAGAGAACATTCAATTGATGGCACTGGCTGGGCTCCCACTAGAACGTTAAAGGATGT
TGTTTGGGATTAAGTCTTTTACTGATCTTTTGAATTTTGGATGATCCACTGAACATTGAAGCTGCA
GAACATCATTTGCGGGACAAGGAAGATTTTCGGGACAAAGTGGATGAATACATCAAACGCTATGCCAGAT
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001008381
Insert Size:	492 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).



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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_001008381.1</u> , <u>NP_001008382.1</u>
RefSeq Size:	1145 bp
RefSeq ORF:	492 bp
Locus ID:	363284
UniProt ID:	<u>Q5U203</u>
Cytogenetics:	9q36
Gene Summary:	Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins. The specific interaction with the E3 ubiquitin ligase RBX2, but not RBX1, suggests that the RBX2-UBE2F complex neddylates specific target proteins, such as CUL5.[UniProtKB/Swiss-Prot Function]