

Product datasheet for **MC205770**

Ube2f (NM_026454) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2f (NM_026454) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ube2f
Synonyms: 2510010F15Rik; AI851109
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC016117

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GCCGAGGCGGACCCCGTGCCGCCGCCCGCAAGGTCACGGTGCGGAGCTCGGGCCGTCGGGAGGCCGAGG
CCGAGGCCGCGGGGGAGGCCGCTGCCCTGAAGGGAAGCGGGAGGTGGACCGGCCGCCACGGCCGAC
GGCGGGGAGGAGGGCGGCCGCCCTGGCCCGTTCCGGTCCCTGACCCGGTTCGCGGTGTGTCAAC
CGGGGTGTGGCCTTCTCCTCGGCCGGCTCAGTTTCTCCGCTCCTCCGGTGGGCATTGGACCACTCCTCGG
CGCTGCCGGGAGGTTACAGCCTGAGAGCCTGAACTCACACGGTCTGGAAGCAACCCGGGAAGAGTCCAG
TTTGGGTGTCTGGAGACATGGCCCTTAACCCTGCTCTTGCTGTCTTCCAGAAGAAAGGTGGCAGGAATG
CTAACGCTGGCAAGCAAGTTGAAGCGGGATGATGGTCTCAAAGGATCCCGGACATCAGCCTCCACATCTG
ACTCTACCCGGAGGGTTCTGTGAGAGACAAGTTGCTTGTAAAGAGGTTGCAGAAGTTGAAGCTAATTT
ACCTTGACATGTAAGTACATTTTCTGATCCAAACAAGCTTCATTGCTTTCAGCTGACTGTAAGCCCA
GATGAGGGTACTACCAGGTGGAAAATTTTCAGTTTGAAGTGAAGTTCCCGATGCCTACAACATGGTGC
CTCCCAAGGTGAAATGCTTGACTAAAATCTGGCACCCCAACATCACAGAAACGGGGGAAATATGTCTAAG
TTTACTAAGAGAACATCAATTGATGGCACTGGCTGGGCTCCCACTAGAACATTAAAGGATGTTGTTGG
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ATTTGCGGGACAAGGAGGATTTTCGGGACAAAGTGGATGAATACATCAAACGCTATGCCAGATGATAAGA
GGAGAGATCGCAGGTCTGAGGACTTTGTCACAGTTGTCTCTGATGTGAAACAGCTCGAGGTAGCCCTCCT
CCCCATCTCATACTCCCTGTGAGCCCTTGGGATTGTCCAGTCTGCGACCATGCTGTCTGAAGAAG
ACCCTCTGACTGCCACTATAGGTGGCAACAACATAATACAGCAAGAAAGTGTGTCTGGGCCTCAAGA
GAGTTGTCTGCTCCCTAACATGTTTACTGAACTACTGTCTAGGCTGTCTGGTGGAAATCCCTCTGAAG
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TGGTGAATGACATGTTCCATGTGACTGGCAGATTGGCAATAAGAAACCCGCTATAAACTGTGATTGGAT
GCACACTCTTAGCTTCTCCACGAATGTTGACCCTACCTAGATGTGAAGCTTCCAGAATGCATAGTC
ATTCAGTGTAGATCTTACTGAAATGCGTATTTTATTTAATGTAAGTATATTTTGGAAACAGATTTGTAATT
TGTAACAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_026454
Insert Size:	558 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:	BC016117 , AAH16117
RefSeq Size:	1562 bp
RefSeq ORF:	558 bp
Locus ID:	67921
UniProt ID:	Q9CY34
Cytogenetics:	1 D
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]