

Product datasheet for RN215187

Ube2i (NM_013050) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2i (NM_013050) Rat Untagged Clone
Tag: Tag Free
Symbol: Ube2i
Synonyms: UbcE2A
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215187 representing NM_013050
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGGGGATTGCCCTCAGCCGACTTGCGCAGGAGAGAAAGCCTGGAGGAAGGACCACCTTTTGGCT
 TTGTGGCTGTCCAACAAGAACCCTGATGGCAGCATGAACCTGATGAACCTGGGAGTGTGCTATCCGTGG
 AAAGAAGGGGACTCCGTGGGAAGGAGGCTTGTTCAAGCTACGGATGCTTTTCAAAGATGACTATCCGTCC
 TCACCACCAAAATGTAAATTTGAGCCACCACTGTTTCATCCAAACGTGTATCCTTCTGGCAGTGTGCC
 TGTCATCCTGGAGGAAGACAAGGACTGGCGGCCAGCTATTACGATCAAACAGATCTTATTAGGAATACA
 AGAACTTCTAAATGAACCAAAATATTCAAGACCCAGCTCAAGCAGAGGCCTATACAATTTACTGCCAAAAC
 AGAGTGGAAATGAGAAAAGGGTTCGAGCACAAGCGAAGAAGTTTGCCCCCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_013050
Insert Size: 477 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_013050.1</u> , <u>NP_037182.1</u>
RefSeq Size:	1092 bp
RefSeq ORF:	477 bp
Locus ID:	25573
UniProt ID:	<u>P63281</u>
Cytogenetics:	10q12
Gene Summary:	ubiquitin-conjugating enzyme (E2 class), catalyzes the attachment of ubiquitin-like protein Sumo1 to other proteins; may be involved in the regulation of cell growth and differentiation [RGD, Feb 2006]