

Product datasheet for **RR215187**

Ube2i (NM_013050) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2i (NM_013050) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ube2i
Synonyms: UbcE2A
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215187 representing NM_013050
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGGGGATTGCCCTCAGCCGACTTGCGCAGGAGAGAAAGCCTGGAGGAAGGACCACCCCTTTGGCT
TTGTGGCTGTCCCAACAAGAACCCTGATGGCAGCATGAACCTGATGAACCTGGGAGTGTGCTATCCCTGG
AAAGAAGGGGACTCCGTGGGAAGGAGGCTTGTTCAAGCTACGGATGCTTTTCAAAGATGACTATCCGTCC
TCACCACCAAAATGTAAATTTGAGCCACCACTGTTTCATCCAAACGTGTATCCTTCTGGCACAGTGTGCC
TGTCATCCTGGAGGAAGACAAGGACTGGCGGCCAGCTATTACGATCAAACAGATCTTATTAGGAATACA
AGAACTCTAAATGAACCAAAATATTCAAGACCCAGCTCAAGCAGAGGCCATACAATTTACTGCCAAAAC
AGAGTGGAAATGAGAAAAGGTTTCGAGCACAAGCGAAGAAGTTTGCCCCCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215187 representing NM_013050
Red=Cloning site Green=Tags(s)

MSGIALSRLAQRKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKDDYPS
SPPKCKFEPPLFHPNVYPSGTVCLSILEEDKDWRAITIKQILLGIQELLNEPNIQDPAQAEAYTIYQCN
RVEYEKRVRAQAKKFAPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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, NP_037182.1</u>
RefSeq Size:	1092 bp
RefSeq ORF:	477 bp
Locus ID:	25573
UniProt ID:	<u>P63281</u>
Cytogenetics:	10q12
MW:	18 kDa
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]