

Product datasheet for **RG224182**

UBE2I (NM_194260) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBE2I (NM_194260) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: UBE2I
Synonyms: C358B7.1; P18; UBC9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG224182 representing NM_194260
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGGGATCGCCCTCAGCAGACTCGCCAGGAGAGAAAGCATGGAGGAAAGACCACCCATTTGGTT
TCGTGGCTGTCCCAACAAAAATCCCGATGGCAGCATGAACCTCATGAACGGGAGTGGCCATTCCAGG
AAAGAAAGGGACTCCGTGGGAAGGAGGCTTGTAACTACGGATGCTTTCAAAGATGATTATCCATCT
TCGCCACCAAAATGTAATTCGAACCACCATTATTCACCCGAATGTGTACCCTTCGGGGACAGTGTGCC
TGTCATCTTAGAGGAGACAAGGACTGGAGGCCAGCCATCAATCAAACAGATCCTATTAGGAATACA
GGAACCTCTAAATGAACCAATATCCAAGACCCAGCTCAAGCAGAGGCCTACACGATTTACTGCCAAAAC
AGAGTGGAGTACGAGAAAAGGTCGAGCACAAGCCAAGAAGTTTGCGCCCTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG224182 representing NM_194260
Red=Cloning site Green=Tags(s)

MSGIALSRLAQRKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKDDYPS
SPPKCKFEPPLFHPNVYPSGTVCLSI EEDKDWRAITIKQILLGIQELLNEPNIQDPAQAEAYTIYQCN
RVEYEKRVRAQAKKFAPS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-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:	NM_194260.3
RefSeq Size:	1144 bp
RefSeq ORF:	477 bp
Locus ID:	7329
UniProt ID:	P63279
Cytogenetics:	16p13.3
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]