

Product datasheet for **RG230085**

UBR2 (NM_001184801) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBR2 (NM_001184801) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBR2
Synonyms:	bA49A4.1; C6orf133; dj242G1.1; dj392M17.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG230085 representing NM_001184801 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCGGAGCTAGAGCCAGAGGTGCAGGCCATCGACCGGAGCTTGCTGGAATGTTGGCCGAGGAGA
TTGCGGGGAAATGGCTGCAAGCAACTGACCTCACTAGAGAAGTGTACCAGCATTTAGCCCACTATGTACC
CAAATCTACTGCAGGGTCCCAACCCTTTTCCACAGAAAGAAGACATGCTGGCACAGCATGTTTTGTTG
GGACCAATGGAATGGTACCTTTGTGGTGAAGTCTGCATTTGGATTTCCAAAACCTTGAGCAAGCAAACA
AACCTTCTCATCTTTGTGGTCGTGTTTTAAAGTAGGAGAGCCTACATATTCTTGCAGAGACTGTGCAGT
TGATCCAACCTTGTGTTTTGTGCATGGAGTGCTTTTTGGGAAGTATTCACAGAGATCATCGATATAGGATG
ACAACATCAGGAGGTGGAGGTTTCTGTGACTGTGGTGATACTGAAGCCTGGAAAGAGGGTCTTACTGTG
AAAAACATGAACTTAACACCTCTGAAATGAGGAAGAAGAGGATCCTCTTGTTCACTTTATCAGAAGATG
GATAGCAAGAACTTATAACATTTTGTGCTATTACGTTTCGGTATGCAGTAGAAATATTAACCTGGGAAAA
GAAAGTGAATTGCCAGCAGATTTAGAGATGGTAGAGAAGAGTGACACCTACTATTGCATGCTGTTAATG
ATGAGGTTACACCTATGAACAAGTTATTTATACTCTTCAGAAAGCTGTTAACTGTACACAAAAAGAAGC
TATTGGTTTTGCAACTACAGTAGATCGAGATGGCGTAGGTCTGTTTCGATATGGAGATTTTCAGTATTGT
GAGCAAGCAAAATCAGTAATTGTGAGAAATACCAGTAGACAGCAAAGCCACTCAAAGTTCAAGTTATGC
ATTCGTCTATTGTGCACATCAGAATTTGGTTTGAACCTTTGTCTTGGCTGGGAAGTATTATTGGATA
TTCAGATGGCCTTCGCCGATTTTATGTCAAGTTGGTTTACAAGAAGGGCCAGATGGTGA AAACTCTTCT
CTAGTGGACAGACTGATGCTTAGTGATTCCAAATTATGGAAGGTGCTAGGAGTGTATATCATCAGTTGT
TCATGAGCAGTCTGCTTATGGATTTGAAATACAAGAACTATTTGCTGTTTCGATTTGCAAAAACTATGA
GCGTTTGCAGAGTGATTATGTGACAGATGACCACGACAGAGATTTTCAGTCGACAGCTCTCGTTTCAG
ATATTCACGGTTCCTTCACTTTTCTCTATCTCTGCTGGCGCAGTGGCTCACCTCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG230085 representing NM_001184801
 Red=Cloning site Green=Tags(s)

MASELEPEVQAIIDRSLLLECSAEEIAGKWLQATDLTREYVQHLAHYVPKIYCRGPNPFPQKEDMLAQHVLL
 GPMEWYLCGEDPAFGFPKLEQANKPSHLCGRVFKVGEPTYSCRCAVDPTCVLCMECFLGSIHRDHYRM
 TTSGGGGFCDCGDTEAWKEGYPYQKHELNTSEIEEEEDPLVHLSIEDVIARTYNIFAITFRYAVEILTWEK
 ESELPADEMEVKSDDTYCMLFNDEVHTYEQVIYTLQKAVNCTQKEAIGFATTVDVDRDGRRSVRYGDFQYC
 EQAKSVIVRNTSRQTKPLKQVMHSSIVAHQNFGLKLLSWLGSIIIGYSDGLRRLICQVGLQEGPDGENSS
 LVDRLMLSDSKLWKGARSVYHQLFMSLLMDLKYKLLFAVRFAKNYERLQSDYVTDHDDREFSVADLSVQ
 IFTVPSLFSISAGRSGSPL

TRTRPLE - GFP Tag - V

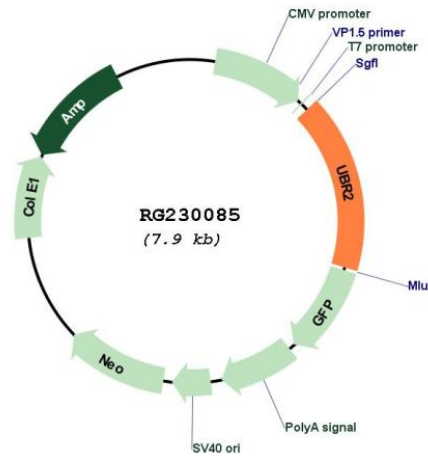
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001184801

ORF Size:	1317 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001184801.2
RefSeq Size:	2493 bp
RefSeq ORF:	1320 bp
Locus ID:	23304
UniProt ID:	Q8I WV8
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes an E3 ubiquitin ligase of the N-end rule proteolytic pathway that targets proteins with destabilizing N-terminal residues for polyubiquitylation and proteasome-mediated degradation. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]