

Product datasheet for **RG208505**

UBOX5 (NM_199415) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBOX5 (NM_199415) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBOX5
Synonyms:	hUIP5; RNF37; UBCE7IP5; UIP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG208505 representing NM_199415
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAATAAATCTTTGCCTCCACAGTTCAGACCAAGAATTCACTGCAACAAGATATCAGCTGATGGTT
 ACGAAGTAGAAAACTCATCTCTGAAGATCTCACAAGAGAAGTCATGGTTTCAGGACAGAGTATTTTCAT
 TAAGCCACCAGTCTATGTGACAGTTTCATTTCCCTTTAATGTGGAAATCTGTAGGATCAACATAGACCTC
 ACAGCTGGGGGAGGTGAGAACGTCAGTGGCCTGGAAATGTACACATCTGCCTCATCTAGCAGAGTGTCTT
 GGAATACGCCAGTCCCGGACCCTGGGCCAGCTGAGCCATCTGTCCCAGACAAGGAGGCGTTCACCTT
 GGTAGGCAAACTTACTGAAAAACCAGAGCCAAGTGGTGTAGCCACAGGGGCTTCAAGGCCAGGCC
 CCTTTTGGCGGATGGAAGCCACTCCCTCCCTGCTGTTGTGGCCAGGAGCTTGAATAAAGGGG
 CTCTTTCCCTTAGCCACGTGGCCACTTAAGGATCTGTATCACCCATGTGACAGGCGGCGGTATCCCTTG
 TATCAAGCGGTTGGAAGTGTGGGTGAGCCGCAAGACCTGCTCCAGGAAGTATAGACAGCATCCTG
 CTGGTACCTCAGAGAACCTGCCTCAGGATGTGGCTCTGCAAGGCTCCAGCCTTGCCCATGGAAGTACT
 GTGACCCTGGGGACCAGCCTGAGAGCCAGCAGGCTCCCTCCAGCCTGCAGAAGCTGGCCGAGATCATTCA
 GGATGTGCTGAGGAGTTCCTGGATCCCATCACCTGGAGATCATGCCTGTCCCATGCTGCTGCCCTCA
 GGCAAGGTATCGACCAGAGCAGTGGAGAAGTGAACCGCAGTGAAGCCACATGGGGCCGAGTGGCCA
 GTGACCCTTTCACGGGGTAGCTTTTACTCCGCACTCTCAGCCCTGCCTCACCCCTCCCTCAAGGCCCG
 GATTGACATTTCTGCTCCAGCACTCCATCCCTGGCTGCCACCTGCTTGGGAGAGCACAGACGGCATTG
 GCAGTATCCCTTCTCCATTGTTCTGCCCTCAGAAAAGGAAGATAGAGCAGGCTGAACATGTCCCAG
 ACAGTAACCTTTGGTGAATGCTTCTCTTTTCTGCCACAAGCCCTTTGGTCTTACCCACTCAGACAG
 GCACACTGCTAAGAAAATGAAAGCCACCAATGAGCCAGCCTGACACATATGGACTGCTCGACAGAGCAG
 CCTGGGAGCATCCTGGGCCCAATGTGCTCCTGCAAAAAGAGTATTTTCTCCCTACTTCAAAAAGGAGC
 CGGTGTACCAGTGCCTGCGGCCACCTCCTGTGCCGACCCTGCCTGGGTGAGAAGCAACGCTCCCTGCC
 CATGACGTGCACAGCCTGCCAGCGCGGTTGCTAGCCAAGAGCTGCTGCGGGTCCACTTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG208505 representing NM_199415
 Red=Cloning site Green=Tags(s)

MVINLCLPQFRPRIHCNKISADGYEVENLISEDLTRSHGFRTEYFIKPPVYVTVSFPFNVEICRINIDL
 TAGGGQNVTLGEMYTSASSSRVSWNTPQCRTLGAEPSPDKEAFTLVGKVLKLNQSQVVFSHRFGKARP
 PFGAMEATLPSAVVAQELWNGALSLSHVAHLRITHTVTGGGIPCIKRLEWVGPAKTCSQEVIDSIL
 LVTSENLPQDVALQAPALPMESDCPDQPESSQAPSSLQKLAETIQDVPEEFLDPTITLEIMPCPMLLPS
 GKVIDQSTLEKCNRSEATWGRVPSDPFTGVAFTPHSQPLPHPSLKARIDHFLQHSIPGCHLLGRAQTAL
 AVIPSSIVLPSQKRKIEQAEHVPDSNFGVNASCFSATSPVLVPTTSEHTAKMKATNEPSLTHMDCSTEQ
 PGSILGPECASCKRVFSPYFKKEPVYQLPCGHLLCRPCLGEKQSLPMTCTACQRPVASQDVLRVHF

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_199415

ORF Size: 1461 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:

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_199415.3](#)

RefSeq Size: 4184 bp

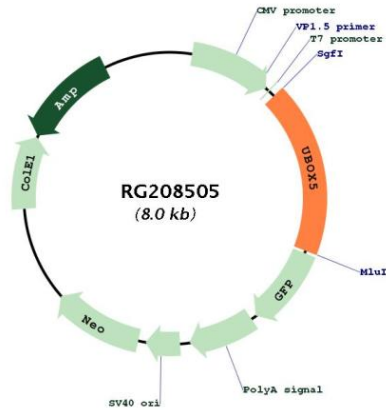
RefSeq ORF: 1464 bp

Locus ID: 22888

UniProt ID: [O94941](#)

Cytogenetics:	20p13
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	This gene encodes a U-box domain containing protein. The encoded protein interacts with E2 enzymes and may play a role in the ubiquitination pathway. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

Product images:



Circular map for RG208505