

## Product datasheet for **RG210924**

### UBE2CBP (UBE3D) (NM\_198920) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2CBP (UBE3D) (NM_198920) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBE2CBP
Synonyms:	C6orf157; H10BH; UBE2CBP; YJR141W
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210924 representing NM_198920 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCTTCTGCGCGGAGACGCGCGTGTCTGGAGGTGCGGGACAGCTGCAGAGCGCGTCTGA  
TCCTGGGAGAACCGAAAGAAGGAGGTATGCCATGAATTTCCATAATGCCATCTTCACTCCAGATGAA  
AACCCCTGAAGGCTGCACAGAAATCCAGCTTCCAGCAGAGGTGAGCTTGTACCTTCTTCCGTGG  
CTACAGTTTGTGTTGGAGATGGACTGCACCTGCGACTGCAGACGCAAGCAAAATAGGCACAAAATGA  
TTTCAATGTTTAAATCAAAGCTCGCAAACCAAGAATGTTGCACGTTTTATTGCCAATCCTGCGGTGAAGT  
CATAATAAAGACAGGAAGCTCCTCAGGGTGTCCCACTGCCGAGTGAGAACTGGGGAGCTCTAGTTGGA  
GAATGGTGTGTCATCCTGACCCCTTGTCTAATAAATCACTTCATCCGCAAGAGAATGACTGTTTTATTG  
GAGACTCTTCTTCTTGGTGAATTTAAGAACCAGTTTGTGGCAGCAAAGACCTGAACTATCCCCAGTGGA  
GATGTGCTGTGTTTCTTCTGACAACCAATTGAAATTTGAAACCAAGGCAAAATACCAAAGTAAATTTGTAAG  
CGTTGCAAGGTAATGTTGGGAGAGACCGTGTATCAGAAACCAAGTTTTATGACAGAGATAATTA  
TTCAGTCATCTGAGAGGAGTTTTCTATCATACCAAGGCTTGGTTTGTCCAGAGCGTGATCGCCCAGTG  
TCTGGTGCAGCTCTCCTCTGCTAGAAGCACTTTTAGATTACAGATTCAAGGTCAGGATGACAAAGTGAT  
ATCTTGCTATGGCTTTAAATTCAGACAGTTTGGTGATTGAATCTTTGAGAAATCCAAATATATCAAAA  
AATTCCTTGTGGAAAACACATTCAAAGCCGATTCTAGTTCTGCTGGAGTGCTGTCAAGGTCCTCTA  
CCAGCCATGCATCAAAAGCAGGAATGAAAACTTGTGAGCTTGTGGGAAAGTGACATCAGCGTCCACCCG  
CTAACCTGCCCTCTGCAACCTGCTGGAGCTGCTGTTGATATTGTCAAAGAGTAATGCCAATCTGCCTT  
CATCCCTCGCCGTGTAATTCCTTTCAGGTGGCCTTTTTGAAGATG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG210924 representing NM\_198920  
 Red=Cloning site Green=Tags(s)

MAASAAETRVFLEVRGQLQSALLILGEPKEGGMPMNISIMPSSLQMKTPPEGCTEIQLPAEVRLVPSSCRG  
 LQFVVGDLHLRLQTQAKLGTKLISMFNQSSQTQECCTFYCQSCGEVIKDRKLLRVLPLPSENWGLVGLV  
 EWCCHPDPFANKSLHPQENDCFIGDSFFLVNLRSLWQQRPVEMCCVSSDNHCKLEPKANTKVICK  
 RCKVMLGETVSSSETTKFYMTEIIIQSSERSFPIIPRSWFVQSVIAQCLVQLSSARSTFRFTIQGQDDKVY  
 ILLWLLNSDSLVIESLRNSKYIKKFPLENTFKADSSSAVAVKLYQPCIKSRNEKLVSLWESDISVHP  
 LTLPSATCLELLILSKSNANLPSSLRVNSFQVAFMKM

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_198920

**ORF Size:** 1167 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\\_198920.3](#)

**RefSeq Size:** 1849 bp

**RefSeq ORF:** 1170 bp

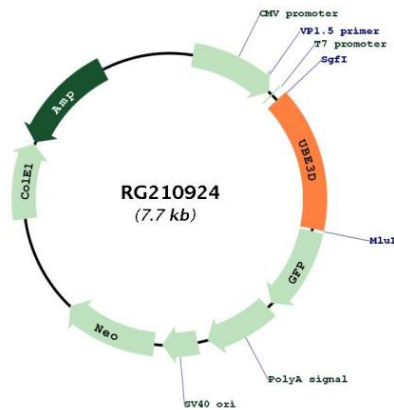
**Locus ID:** 90025

**UniProt ID:** [Q7Z6J8](#)

**Cytogenetics:** 6q14.1

**Gene Summary:** E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and transfers it to substrates, generally promoting their degradation by the proteasome.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG210924