

## Product datasheet for **MG220392**

### Ube2cbp (NM\_027394) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2cbp (NM_027394) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ube2cbp
Synonyms:	2610018I03Rik; Ube3d
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG220392 representing NM_027394 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGTGGCTGCGGCGAAACGCGCGTGTCTCTGGAAGTGGGAGACGGCTGCAGAGTGCCTGCTAA  
TCCTGGGTGGCCAGATGAAGGAGGGATGCACCTGGACATTTCCATAACGCCACCTCACTTTTGGTGAG  
AACCCCTGACGGCTGCACAGAGATCCGACTTCCAGCAGGGGTGAGACTTGTACCTTCTCGTGTGGCGG  
CTGCAGTATATCAGTGGCGATGGTTTACATCTGCGCTTGGGGTCCAGGCTGAATCCAGCCACAGCCGA  
TTTCAGTGTAAATCAAAGCTTGAAGCCAAGAATGTTGCACCTTTTATTGCCAGTCTGTGGTGAAGT  
CAGGATAAAGGACAGGAACTCCTCAGGGTGTCCCCCTGCCAGTGAGAACTGGAGCGCTCTGGTCGGA  
GAGTGGTGTGCCATCCCGACCCCTTTGCTAATAGGCCTTTCATCCGAGAGAAAATGACTGTTTTATTG  
GGGACTCTTTTTCTTAGTGAATTTGAAAAGTGATTTGGAGCAGGAACAAAAGCAAATACCAAAGTCAT  
TTGTAAGCGTTGCAAGGTAACGTTGGGAGAGACCATGTCATCAGAAACAACCAAAATTTTACATGACAGAG  
GTAATTATCCGGCCATCTGAGGGAAGTTTTCTAACATACCAAGGTCTCAGTTCCTTCAGAGCATTATTG  
CCCAGTGCCTGGTGGAGCTCTCCTCTGCTAGAAGTACTTTCAGATTACAGATTCAAGGTCAGGATGGCAA  
AGTGTACATCTTGCTCTGGGTTTTGAATCAGACAGTTTGGTGTGATCGAACCTCTGAGAAGTCCAGTTGT  
AGCAGGAAGTCCCGCTGTTGAAAGTTCCTTGAAGCTGGCTCTGGCTCTGCTGGAATGCCATCAAAG  
TCCTCTACCAGCCCTGTATCAAAGCAGGAATAAAGAGCTTGTAGCTCTGGGAAGGTGACATCAGCGT  
CCACCCTTAAACCCTGCCCTCTGCAACCTGTTTGGAGCTGCTGTTAATACTATCCAGGAACAATGCCTCC  
CTGCCTCTGTCCCTTCGCCAAATGAATTCCTTCCAGGTGGCCTTTTTGAAGATG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG220392 representing NM\_027394  
 Red=Cloning site Green=Tags(s)

MAVAAAE TRV FLE VRRRL QSALL ILGGPDEGGMHLDISITPTSLLV RTPDGCTE IRLPAGVRLVPSSCGG  
 LQYISGDGLHLRLRVQAESSPQPI SVFNQSLQAQECCTFYCQSCGEVTIKDRKLLRVLPLPSENWSALVG  
 EWCCHPDPFANRPLHPREND CF IGDSFFLVNLKSDLEQEPKANTKVICKRCKVTLGETMSSETTKFYMTE  
 VIIRPSEGSFPNIPRSQFLQSIIAQCLVELSSARSTFRFTIQGQDGKVVYILLWVLNSDSL VIEPLRSSC  
 SRKFP LLESSLEAGSGSAWNAIKVLYQPCIKSRNKE LASSWEGDISVHPLTLP SATCLELLLILSRNNAS  
 LPLSLRQMNSFQVAF LKM

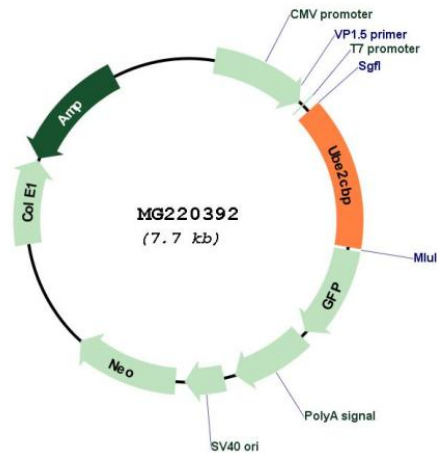
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_027394

<b>ORF Size:</b>	1104 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_027394.2</a> , <a href="#">NP_081670.1</a>
<b>RefSeq Size:</b>	1828 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	70348
<b>UniProt ID:</b>	<a href="#">Q8BX13</a>
<b>Cytogenetics:</b>	9 E3.1
<b>Gene Summary:</b>	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]