

Product datasheet for **MG206728**

1600021P15Rik (BC085092) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1600021P15Rik (BC085092) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1600021P15Rik
Synonyms: 1600021P15Rik; A430031N04; C87006
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206728 representing BC085092
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCTGGGAATGGTGCAAAAGCTAGATCAAAAACCTCCCGTGGCCAACGAGTATCTGTTGCTCTCCGGAG
 GAGTCCGGGAAGGTGTGGTGGACCTGGACCTAGATGAGTTAAACGTCTATGCCCGGGGCACTGACTACGA
 TATGGACTTTACCCTTCTGGTGGCCGCCCTTAAGCTGCATGACCGTAACCGCCTGTGACGCTCGATATG
 CGCCACTCAGCCCTGTGCCACTCCTGGCTGAGCCTCAGGCTCTTTGATGAGGGGACAATCAGTAAATGGA
 AAGTTGCTGCACAATCGCCGATCACATCAACGGTGCCACCAACTACTTCTCTCCCCACCAAAGTGGC
 TGAAGTGGTCTATGACTCCATCAGCATCGTCTCTCGGAGATACAGAAGAAACCCAGAGAGGGATGCCG
 AAGGTGGAGAAGGTAGAGAAGAACGGTACCATCATCTCCATCATTCTGGGCGTGGGGAGCAGCCGCATGT
 TGTACGACATCGTCCCCGTGGTGTCTTTCAAAGGCTGGCCCGGGTGGCTCAGAGCTGGCTCATGGAGAA
 CCACTTTTGGGATGGGAAGATCACCGAAGAAGAGGTATCAGTGGCTTCTACCTGGTGCCAGCTTGTCTCC
 TACAAAGGCAAGAAGGACAATGAGTGGCAGTGTCTTCGCCAGGAGCGAGGTACAACCTGAAGAAGTGCA
 TTTCAGGCAGTCTAATGCAGGCCCTACCAAGCCTGCAAAGCCATCATCAAACCTCTGTCGAGGCCCAA
 GGCCATCAGCCCTATCACCTGCGGAGCATGATGCTCTGGGCTGTGATCGACTCCCTGCCAGCTACTTG
 GCTCAAGAAGACTATGCAGCCACTTTTTGCTGGGCTCATTGACGACCTGCAGACTGCCTGGTCAACA
 AGATGTGCCCTAATTATTCATCCCCAGTGCAACATGCTGGAGCATCTGTGAGAGGAGACAGTCAATGCC
 CCACGCCCGGAAGCTCTCCTCGGTTCCGATCCCCGAGAGCACCTGCGCACCCGCAATTGAGCACGTG
 AAGGCAGCCAATCGGCTGACGCTGAAGCTCCAGCGTCGGGGCAGCACCACCAGCATCCCCTCCCCACAGT
 CGGATGGCGGGGACCCCAATCAGCCTGATGACCGTCTGGCAAAAAAAGTGCAGCAGCTAGTACTGAGAA
 TCCAGGGAAGTCCATCTCGGTCTTTATTAACCCCGATGACGTACGAGGCCCCATTTCAGAATCGATGAT
 AAATTTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206728 representing BC085092
 Red=Cloning site Green=Tags(s)

MLGMVQKLDQKLPVANEYLLL SGGVREGVVDLDELNVYARGTDYDMDFTLLVPALKLHDRNPVTLDM
 RHSALCHSWLSLRLFDEGTISKWKGCCTIADHINGATNYFFSPTKVADWFYDSISIVLSEIQKKPQRGMP
 KVEKVEKNGTIIISILGVSSRMLYDIVPVVSFKGWPVAQSWLMENHFWDGKITEEEVISGFYLPACS
 YKGGKDNWRLSFARSEVQLKKCISGSLMQAYQACKAII IKLLSRPKAISPYHLRSMMLWACDRLPASYL
 AQEDYAAHFLLGLIDDLQHCLVNMKCPNYFIPQCNMLEHLSEETVMPHARKLSSVRSDDPAEHLRTAIEHV
 KAAARLTLKLQRRGSTTIPSPQSDGGDPNPDDRLAKKLQQLVTENPGKSISVF INPDDVTRPHFRIDD
 KFF

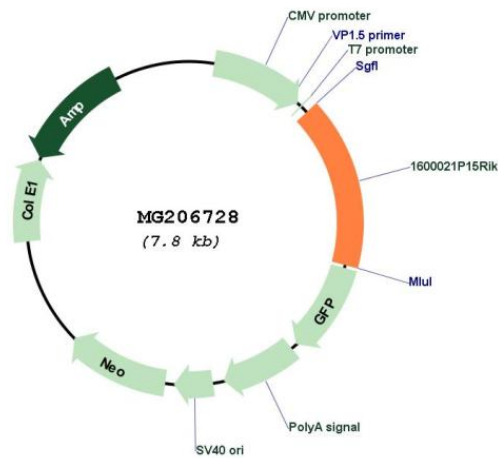
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC085092

ORF Size:	1271 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:	BC085092 , AAH85092
RefSeq Size:	3016 bp
RefSeq ORF:	1271 bp
Locus ID:	239796
Cytogenetics:	16 B2