

Product datasheet for **MG214960**

1110032F04Rik (NM_001167996) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110032F04Rik (NM_001167996) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1110032F04Rik
Synonyms: A1115547
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG214960 representing NM_001167996
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGGTCCCAGGGTACCGCCGAGGGCCTGTCGGTGGCTCCAGCGCCACCGCCGCTGCTGCCGCTGC
 TGCTGCTGTTGGCGTGGCGTTGGTGGCGCCCTCGCGGGCGCGGGGGCTGCGCGGAGCTGGCGTGCGG
 TGAGCGGGAGCGCTGCTGCGACTCGGCCAACGCCACGGCCGTGCGCTGCTGCAAGCTGCCGCTCCACGCC
 TTTCTGGACAACGTGGGCTGGTTCGTCCGAAGCTCTCTGGGCTGCTCATCTGCTGGTGTCTTCGCCA
 TCGGCTACTTCTGCAGCGCATCATCTGCCAGCCACGCAGGTACCCGCGTGGCCAGGCGCGACTGG
 CCAGGCACGACCCGGGCTCCCGGGGTGCGGGACCGCCGGGACGGCGGGCCACCCGACGACGACGAC
 GACTCGCCCGCTCTGCTGCGCGACGAGGTGGCCGCGGGCTCGCAGGACTCACTGTTGGATAGTGGCGGTG
 GTCGGGGCCGAGGAAGTGGCGGACGCTGCCTCCCTCCTGCGTTTCGGAGCACGAGCTGCACGTGGTGTG
 ACCGGTGTTCCTCCAGCTGCCAGCTACGAGGAGTCAAGTACCTGCCACCTATGAGGAGTCCATGCGG
 CTGCAGCAGCTCAGCCAGCGGAGGTGCTGCTGCCGTGTCGGTGTGCTCGGCCGCCGCGAGGCGGCAGTG
 CCGGGACTCCGACGGCGCCAGGTCCGTTTCCCGCTCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG214960 representing NM_001167996
Red=Cloning site Green=Tags(s)

MWGPVTAEGLSVAPAPPPLPLLLLLLALALVAPSRGGGGCAELACGERERCCDSANATAVRCKLPLHA
 FLDNVGWFVRKLSGLLILLVLF AIGYFLQRIICPSRRYPRGQARPGQARPGPPGGAGPPGTAGPPDDDD
 DSPALLRDEVAAGSQDSLSDSGGGRGRSGGRLPPSCVSEHELHVVPVFLQLPSYEEVKYLPTYEESMR
 LQLSPAEEVVLVSVLGRPRGGSAGSDGGQVRFPLI

TRTRPLE - GFP Tag - V

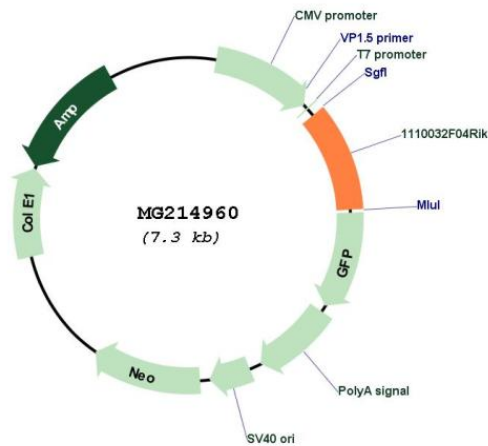
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001167996

ORF Size: 741 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_001167996.1 , NP_001161468.1
RefSeq Size:	2578 bp
RefSeq ORF:	744 bp
Locus ID:	68725
UniProt ID:	E9Q0B3
Cytogenetics:	3 E1