

Product datasheet for **MG202731**

0610007P22Rik (BC027751) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 0610007P22Rik (BC027751) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 0610007P22Rik
Synonyms: 0610007P22Rik; 1110014B11Rik; AL022759
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MG202731 representing BC027751
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCCTTATTTGGGGCCCTAGAACCTACCCTACACTCTCTGACAGACAGCTGGTGGCACAGTCAGGGG
 TCGCAGTCATAGACTGCTCCTGGGCCAACTGGACGACACACCCTTTCAGAAGATGCGAGGGAGCCACTT
 GCGGCTCTGCCTTACCTCGTAGCTGCCAACCTGTAACTATGGCCGGCCCTGCAAACCTTCTGTGTG
 GAAGCTTTCGCTGCTGCCTTCTGCATCGTAGGCTTTTCAGACCTTGCTGTCAATTTGCTTCGGAAGTTA
 AGTGGGGCAAGGGCTTCTGGACCTGAACCGGGAGCTCCTGGATAAGTACGCAGCTTGCCGTGGCCCGGA
 GGAGGTGTTGCAGGCTGAACAGGGGTAATTGGCTAGCACCAGGGACACGCCTGAAGAGGACATCGATCCC
 TTTGACGTGGACTCAGGGCGGGAGTTTGTGAATCTCAACAGGCCCGTGGCCAGCACCCGGCTACCTGAGG
 ACATGGATGACTGATGGGTCTGAGGAGCACAGTGAAGATTCTGAGGAGGACAGTGTGAGTGTGAGGA
 ACCAGGACCTGGTGCTAATGGAGGAGACAGCACTACTCTGGAGCTGAAGAGACCCGAGAACAAGAGGCT
 CAAGCCAGAGACTCCACTGAAATTTGAAAGGGATCAAGAAACGACAGAGAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG202731 representing BC027751
 Red=Cloning site Green=Tags(s)

MCLIWGPRTYPTLSDRQLVAQSGVAVIDCSWAKLDDTPFQKMRGSHLRLLPYLVAANPVNYGRPCKLSCV
 EAFAAAF CIVGFS DLAVILLRKF KWGKGLDLNRELLDKY AACRGPEEVLQAEQGYLASTRDTPEEDIDP
 FDVDSGREFVNLNRPVASTRLPEDMDDTDGSEEHSEDSEEDSDECEEPGPGANGGDSNYSGAEETPEQEA
 QARDSTEIWKGIKKRQRD

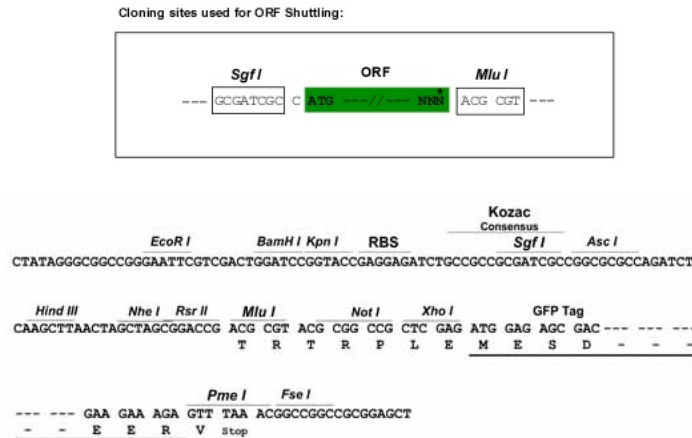
TRTRPLE - GFP Tag - V



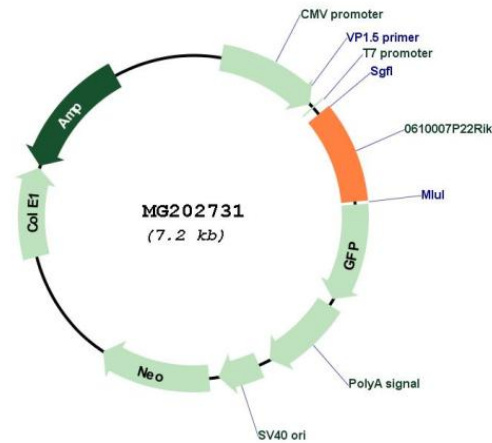
[View online »](#)

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC027751

ORF Size: 684 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:	<u>BC027751.1</u>
RefSeq Size:	1295 bp
RefSeq ORF:	686 bp
Locus ID:	68327
Cytogenetics:	17 A3.3
Gene Summary:	Probable pre-rRNA processing protein involved in ribosome biogenesis.[UniProtKB/Swiss-Prot Function]