

Product datasheet for **MG206326**

Rpl3 (BC083134) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl3 (BC083134) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rpl3
Synonyms:	J1, F2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206326 representing BC083134 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCACAGGAAATTCTCAGCTCCCAGGCATGGGTCTTGGGCTTCTGCCTCGAAAGCGCAGCAGCC
GGCATCGTGGGAAAGTGAAGAGCTTCCCTAAGGATGACGCTTCCAAGCCCGTTACCTCACAGCCTTCT
GGGTTACAAGGCTGGCATGACCCACATCGTCCGGGAAGTTGACAGGCCAGGATCTAAGGTGAACAAGAAA
GAAGTCGTGGAGGCTGTGACCATTGTGAAACTCCCCAATGGTGGTGTGGGCATTGTGGGATATGTTG
AGACCCACAGAGGCTCCGGACCTCAAGACTGTATTTGCTGAGCACATCAGCGATGAGTGTAAAAGCGG
CTTCTATAAAGAACTGGCACAAGTCTAAGAAGAAGGCTTTCACCAAGTACTGTAAGAAATGGCAGGATGAC
ACAGGCAAGAAGCAGCTGGAGAAGGACTTCAACAGCATGAAGAAGTACTGCCAGGTCATCCGCATCATTG
CCCACACTCAGATGCGTCTGCTTCTCTACGCCAGAAGAAGGCACACTTGATGGAGATCCAGGTGAATGG
AGGCACTGTGGCTGAGAAGCTCGACTGGGCCCGAGAGCGGCTGGAGCAGCAGGTTCTGTGAACCAGGTG
TTTGGGCAGGATGAGATGATTGATGTCATTGGCGTGACAAAAGGCAAAGGGTACAAAAGGGTAACCAATC
GTTGGCATACAAAGAACTGCCCGAAAGACCCATCGAGGTTTGCCAAAGTTGCCTGTATTGGAGCCTG
GCACCTGCCCGTGTGCTTTCTCTGTGGCTCGAGCTGGGCAGAAAGGCTACCATCACCGAACAGAGATT
AACAAGAAGATTTACAAGATTGGTCAAGGCTACCTCATCAAGGATGGCAAAGTCAAGAACAATGCAT
CTACTGACTATGACTTGTCTGACAAGAGCATCAACCCACTGGGTGGCTTTGTGCATTATGGTGAGGTGAC
CAATGACTTCATCATGCTCAAAGGCTGTGTGGTGGGGACCAAGAAGCGAGTACTTACTCTTCGTAAGTCC
TTGCTGGTTCAGACCAAACGTCGGGCCCTGGAGAAGATTGACCTGAAGTTCATTGACACCACCTCCAAAT
TTGGCCATGGTCGCTTCCAGACCATGGAGGAGAAGAAAGCATTTATGGGACCACTCAAGAAAGATCGCAT
TGCCAAGGAGGAAGGAGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206326 representing BC083134
 Red=Cloning site Green=Tags(s)

MSHRKFSAPRHGSLGFLPRKRSSRHRGKVKVSFPKDDASKPVHLT AFLGKAGMTHIVREVDRPGSKVNKK
 EVVEAVTIVETPPMVVVGIVGYVETPRGLRTFKTVFAEHSDECKRRFYKNWHKSKKKAFTKYCKKWQDD
 TGKKQLEKDFNSMKKYCQVIRIIAHTQMRLPLRQKKAHLEIQVNGGTVAEKLDWARERLEQQVPVNQV
 FGQDEMIDVIGVTKGKGYKGVTSRWHTTKLPRKTHRGLRQVACIGAWHPARVAFSVARAGQKGYHHRTEI
 NKKIYKIGQGYLIKDGKLIKNNASTDYDLSDKSI NPLGGFVHYGEVTNDFIMLKGCVVGTKKRVLTLRKS
 LLVQTKRRALEKIDLKFIDTTSKFGHGRFQTMEEKKAFMGPLKKDRIAKEEGA

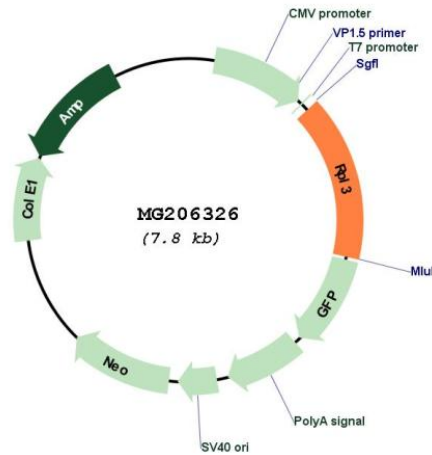
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC083134

ORF Size:	1211 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:	BC083134 , AAH83134
RefSeq Size:	1297 bp
RefSeq ORF:	1211 bp
Locus ID:	27367
Cytogenetics:	15 E1
Gene Summary:	The L3 protein is a component of the large subunit of cytoplasmic ribosomes. [UniProtKB/Swiss-Prot Function]