

Product datasheet for **MG205260**

Mrpl3 (NM_053159) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl3 (NM_053159) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Mrpl3
Synonyms: 2010320L16Rik; 5930422H18Rik; AA407889
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205260 representing NM_053159
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTTGGAGGCTGCTGGCGCAGGCTGGCGCCGGGTGCTGGGCTGTGGCGCCAGAGGCCTAGGTG
CTGACCCCGCTTAGAGAGAAGAAAGAATATCTTGTTCTTTGTTAGAAATCTCCACAGCAAGAGTAGTAC
TTGGTGGGATGAACATCTTTCTGAAGAAAATCTCTCCTTTGTTAAGCAACTGGTCTCCGATGAAAAATAA
ACCCAGCTGACAAGTAACTGAATCCCTTGAAAGATGAGCCGTGGCCTTACATCCCTGGGAACAGGTT
CTTTCAGAGTTGGCCTCATCGCCCTGAAGCTAGGCATGATGCCTTATGGACCAAGGATGGTCAAAAGCA
TGCAGTCACATTACTACAGGTACAAGACTGTGATGTTAAAATACACTCCAAGGAAGACCATAATGGA
AAAATCGCAGCCCTGACAGTGGGCGGAAAACCGTGTACGCTTCTATAAACCTGACTCTAGATTGGAAT
TTTACCGAGATCTTGACTGCCACAAAACAGATACATAAAAATCTTTCATGTGACAGATAACGCTGTAAT
TAAGCCAGGGACCCCTCTTATGCAGCTCACTTTCGCCCTGGACAGTATGTGGATGTACAGCCAAAACCT
ATTGGTAAAGTTTTTCAGGGCGTCATGAAAAGATGGGGATTTAAAGGCCAACCTGCTTCTCATGGTCAA
CAAAGACCCACAGGAGACCTGGCGCTATCTCAACTGGGGATTTGCCAGAGTCTGGCCTGGAACTAAAAT
GCCCGGGCAATGGGAAACAAAACAGGACAGTGTATGGACTGAAAGTGTGGAGAGTGAACACCAAGCAC
AACATAATCTATGTCAATGGCTCTGTGCCTGGACATAAAAATTGCTTAGTAAAGATCAAAGACTCTACAC
TGCTGCATACAAGGATTCTGCAAGAACCTGCCTTCCACCTACTTCCCTGATGGAGATGAAGAAGA
ACTTCCAGAAGATTTGTTTGACGAGAGCGTGTGGCAGCCAGTGAACCTTCCATCACCTTTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205260 representing NM_053159
Red=Cloning site Green=Tags(s)

MPGWRLLAQAGARVLGCGARGLGADPGLERRKNILFFVRNLHKSSTWDEHLSEENLSFVKQLVSDENK
 TQLT SKLNPLKDEPWPLHPWEPGSFRVGLIALKLGMMPLWTKDGGKHAVTLLQVQDCHVLKYTPKEDHNG
 KIAALT VGGKTVSRFYKPD SRL E FYRDLGLPPKQIHKIFHVTDNAV I KPGTPL YAAHFRPGQYVDVTAKT
 IGKGFQGVMKRWGFKGQPASHGQTKTHRRPGAI STGDIARVWP GTKMPGRMGNQNR TVYGLKVWRVNTKH
 NIIYVNGSVPGHKNCLVKIKDSTLPAYKDSCKNLPFP TYFPDGD E E E L P E D L F D E S V W Q P S E P S I T F A

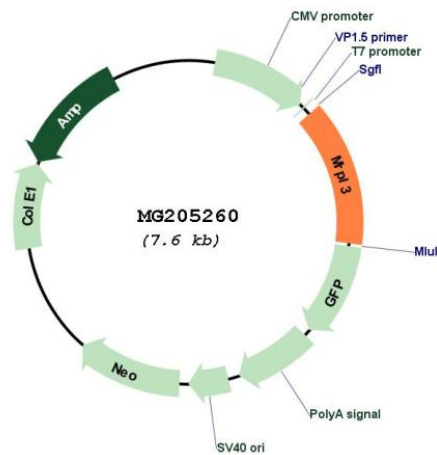
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053159

ORF Size: 1044 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_053159.4
RefSeq Size:	1531 bp
RefSeq ORF:	1047 bp
Locus ID:	94062
UniProt ID:	Q99N95
Cytogenetics:	9 F1