

Product datasheet for **MG214298**

4930563D23Rik (NM_029252) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4930563D23Rik (NM_029252) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 4930563D23Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG214298 representing NM_029252
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCGCTTCACAACTGTCTTCTGAAAAACATCTTTACCAGAAGTCAGTTTGACAGCGCCAAGAGGA
GACAGTGCCTTCAGTATCTCAACGCTCTGAGATCGCTGCAACACAATGGATACAAGACCGTGTATTTTGG
GAAACTGAGATCCCAGAACTCTGTCACTGGGAGGACTTTAGTGACAGCTATTACATTCACACACCA
TCGTGGTGTATCCTACAGCTGGGGCAGTCAAGGATGGGTGCCTTGGAAATATCGCATGTTCTCTGAGAA
ATGACCTGTGCATCAAGAAGGAAGACAGCCTGTTCTTGGAGTCTGTGATGTTGTGAAGAGGGCCATGG
CAAGTGTGCCATCGTGGTCAAAGGGAGAAGGCAGCAAGATGAGATGAAGCCAAAGACAGACAAGGAGGGG
GAGGCCAAGGCCTATGTCCCAACAAGCATTAAATTAACAAGCATTGCGTGTCCCGGGAGTGGCCAAGT
CCTACGGCCATGAACTCATCTCTGCCTCCCTACTATAATTATCTGAACCCCTTAGACTCAGCCTGGTC
TTCCATGAAATGGTTTATCATAAACAACCGAAGGAGTTTTGTCTGCAGTCTGTTGACAAATGTCTACACT
TATCGATACATACTTTCAGTGACTTAATAAGCAAAGGGATTGAAAAGTTAACCTGACCAAGTGGAAAG
CCATAACCAACAAGGTGCGCAGGTGGGAGAAGTATTATCTTGCCAAGTTTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214298 representing NM_029252
Red=Cloning site Green=Tags(s)

MARFTNCLLNIFTRSQFDSAKRRQCLQYLNALRSLQHNGYKTVYFGETEIPETLVTGEDFSDSYIHTP
SWCILHAGGSQGWVWPKYRMLRNDLCIKKEDSLFLEFCDVVKRAYGKCAIVVKGRRQDEMCKPKTDKEG
EAKAYVPTSINLTSIACSPGVAKSYGHELISLPPYYNYLNPLDSAWSMKWFIINNRKEFCLQSDVNVYT
YRYILFSDLISKGIEKVNLTWKAITNKVRRWENYLLAKFS

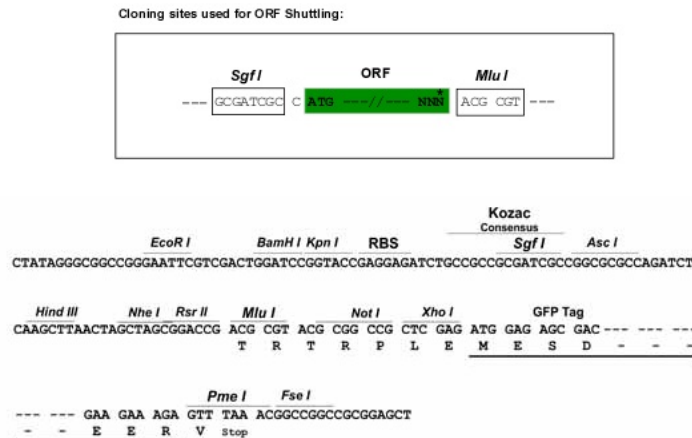
TRTRPLE - GFP Tag - V



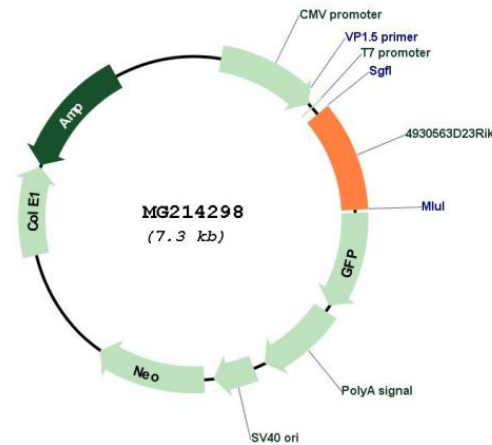
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_029252

ORF Size: 753 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>NM_029252.2</u> , <u>NP_083528.1</u>
RefSeq Size:	2679 bp
RefSeq ORF:	756 bp
Locus ID:	75328
UniProt ID:	<u>Q8CDS7</u>
Cytogenetics:	16 C4