

Product datasheet for **MG212434**

Tex30 (NM_029368) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tex30 (NM_029368) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tex30
Synonyms: 1700029F09Rik; 3110030D08Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG212434 representing NM_029368
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATCTTCCTCATCTGATGTCCTGACTGGCATCCCACCTTGATCTCATGGGTTTTTTGCCTGAGATTTA
 CTTGCAAAGGCCTTAATATTGTACATAGAATTAAGGCATATAAAGCAGTTTTGAATTACCTGAAGACCTC
 AGGAGAATACAACTTGCTGGTGTCTTTCTGGAGGTCGTTCAATGGGCTCAAGGCAGCTGCTTCTGTG
 ATGTGTCATACTGAGCCAGATGATGCTGATGATTTTGTTCGAGGCTCATTGTATTCTTACCCACTGC
 ACCATCCAAAGCAGCAGCATAAACTCAGAGACGAAGATCTCTTTCGTATAAAGGATCCTGTACTGTTTGT
 GTCGGGCTCAGCAGATGAAATGTGTGAAAAGAAGTTGTTGGAGAAAGTAGCACAGAAAATGCAAGCCCT
 AGTAAAATTCATTGGATTGAAAAGGCAAATCATTCCATGGCAGTAAAAGGACGGTCTACAAATGATGAT
 TCAAAGAAATAAACACACAGATCTGTTTTGGATCCAAGAAATCACTGAAATGGACAAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG212434 representing NM_029368
 Red=Cloning site Green=Tags(s)

MNLPHLMSLASHLASHGFFCLRFTCKGLNIVHRIKAYKAVLNYLKTSGEYKLAGVFLGGRSMGSRAAASV
 MCHTEPDDADDFVRGLICISYPLHHPKQHQKLRDEDLFRICKDPVLFVSGSADEMCEKNLLEKVAQKMQAP
 SKIHWIEKANHSMVKGGRSTNDVFKEINTQILFWIQEITEMDKK

TRTRPLE - GFP Tag - V

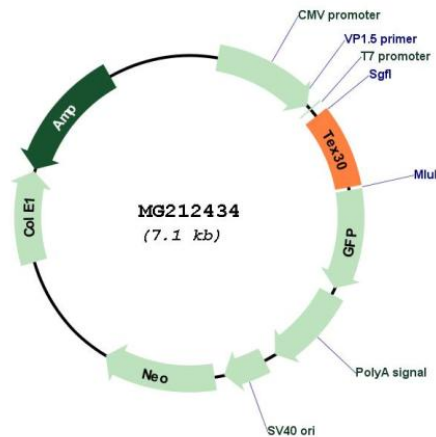
Restriction Sites: Sgfl-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_029368

ORF Size: 555 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_029368.1</u> , <u>NP_083644.1</u>
RefSeq Size:	1265 bp
RefSeq ORF:	678 bp
Locus ID:	75623
UniProt ID:	<u>Q3TUU5</u>
Cytogenetics:	1