

Product datasheet for **MG206344**

Krt33a (NM_027983) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt33a (NM_027983) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Krt33a
Synonyms: 2310015J09Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206344 representing NM_027983
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCATACAACTGCTGCCTGCCGCCATGAGCTGCCGCACCAGCTGCTCTCCAGGCCCTGCGTGCCCC
CCAGCTGCCATGGCTGCACCCTGCCGGGGCTGCAACATCCCGCCAATGTGGGCAACTGCAATTGGTT
CTGTGAGGGCTCCTTCAATGGCAATGAGAAGGAGACCATGCAGTTCCTGAATGACCGCTGGCCTCCTAT
ATGGAGAAGGTGAGGCAGCTGGAGAGAGAATGCAGAGCTGGAATGTAGGATCCAGGAGAGGAACCAGC
AGCAGGACCCCTGGTGTGTCCTGCCTACCAGGCTACTTCAGGACCATGAGGAGCTGCAGCAGAAGAT
CTTGTGTGGCAAATCTGAGAACGCCAGGCTGGTGTGTCAGATCGACAATGCCAAGCTGGCTTCTGATGAC
TTCAGGACCAAGTACGAGACAGAGCTTAGTCTGCGGCAGCTGGTAGAGGCTGACATCAACAGCCTGCGCA
GGATCCTGGATGAGCTGACCCTCTGCAAGTCTGACCTGGAGGCGCAGGTGGAGTCCCTGAAGGAGGAGCT
GCTCTGCCTCAAGCAGAAATCACGAGCAGGAAGTCAACACCCTGCGCTGCCAGCTTGAGACCCGCTCAAC
GTGGAGGTGGACGCTGCTCCACCGTGGACCTGAACCGAGTACTCAACGAGACCAAGGTGTAGTACGAGG
CCCTGGTGGAAACCAACCGCCGGGAAGTGGAGGAATGGTACACCACACAGACAGAGGAGTTGAACAAGCA
GGTGGTGTCCAGCTCAGAGCAGCTGCAGTCTGCCAGGCCGAGATCATCGAGCTGAGACGCACAGTCAAT
GCCCTGGAGATCGAGCTGCAGGCCAGCATGAACTGAGAACTCTGGAGAACACCCCTGACAGAGAGTG
AGGCTCGCTACAGCTCCAGCTGTCCAGGTGCAGTGCCTGATCACAATGTGGAGTCCCAGCTTGGTGA
GATCCGGGCTGACCTGGAGCGTCAAGACAGGAGTACCAAGTGTGCTGGACATTCGGTCTCGTCTGGAG
TGTGAGATCAACACGTACAGGGGCTGCTGGAGAGCGAGGACTGCAAGCTCCCTTGAATCCCTGTGCCA
CAACCAATGCTTGTGATAAGCCATTGGGCCCTGTGTCCCTAACCTTGTGTACACGACCTCGATGTGG
ACCTTGCAACACTTTTGTGCGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206344 representing NM_027983
 Red=Cloning site Green=Tags(s)

MPYNCCLPAMSCRTSCSSRPCVPPSCHGCTLPGACNIPANVGNCNWFCEGSFNGNEKETMQFLNDRLAS
 MEKVRQLERENAELECRIQERNQQDPLVCPAYQAYFRTIEELQKILCGKSEARLVVQIDNAKLASDD
 FRTKYETELSLRQLVEADINSLRRILDELTLCKSDLEAQVESLKEELLCLKQNHQEVNTRCQLGDRLN
 VEYDAAPTVDLNRVLNETRCQYEALVETNRREVEEWYTTQTEELNKQVVSSEQLQSCQAEIIELRRTVN
 ALEIEIQAQHELRLNLENTLSEARYSSQLSQVQCLITNVESQLGEIRADLERQNEYQVLLDIRSRLE
 CEINTYRGLLESEDCKLPCNPCATTNACDKPIGPCVNPNCVTRPRCGPCNTFVR

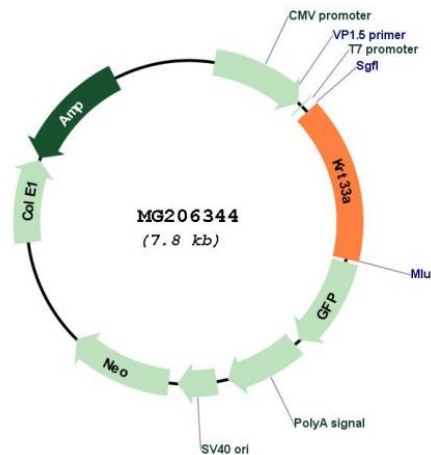
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_027983

ORF Size:	1212 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_027983.3
RefSeq Size:	1677 bp
RefSeq ORF:	1215 bp
Locus ID:	71888
UniProt ID:	Q8K0Y2
Cytogenetics:	11 D