

Product datasheet for **MG217150**

Krt26 (NM_001033397) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt26 (NM_001033397) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Krt26
Synonyms:	4732407F15Rik; Krt25b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG217150 representing NM_001033397
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTTTTCGGTTTTTCGGGGCGATCCAGGGTCTGTTCTCGAGCTGGGTCTGTCAGGCTGTCCAGAGGAG
 GGGCAGGCTTTGTGGCCGGGAACGTGTGTGTTGGGCTTGAGCGGAAGGCAGCTTTTCTGCACCCTTGG
 GGGCCTCTCTTCTGGAGGAAGCTTTGCCAGCGAGGGGTCAAGTAGGGGAAGTAGCATTGGCTTCCTTAAC
 AACGAGCCAGGACTCTTCTCTGGGAACGAGAAGGTGGCCATGCAGAACCTCAATGACCGCTGGCCTTGT
 ACCTGAACCACGTGAGTGCCTGGAGGAGGCCAACACGGACCTGGAGAAGAAGATCGAGGGCTGGTACGA
 GAAGTGTGGGCCCGCAGAGGCCGTAGACTTGACCATGACTGCAGCCGGTATTTCTCAGTCATTGAGGAT
 TTGAAACGACAGATCCTGTCTATGACCACCTGCAATGCCAACCTTGTCTTCAAATGACAATGCCAGAC
 TCACAGCTGATGACTTCAAGATGAAGTATGAAAATGAACTGGCTCTGCACCAGAGTGTGAGGCTGACAC
 CAACGGCTTCGCAGAGTGTGGACGAGCTGACGCTGTCTACAACCGACTTGGAAATACAACGGGAGGCT
 CTGAGTGAGGAGCTGACGTACCTCCAAAAGAACCACGAGGAGGAAATGGTGGTTCTGCAAAATGCATCAG
 GGGGGAACATCAATGTGGAGATGAACGCAGCCCCAGTGTGGATCTAACCGCCATGTTGAACAACATGAG
 GGCCGAATATGAAGATTTGGCTGAGCAGAACCGGAAAGATGCAGAGGCCAGCTTTAAAGAGAAGAGCGCG
 TCGCTGCAGCAACAGATTTAGATGACGCAGGAGCAGCCACAGCAGCCAGAAACGAACTGATGGAAGTGA
 AACGCAATCTGCAGACTCTGGAGATAGAAGTCAATCCATCACGGCTATGAAACAATCCTACGAAAATTC
 ATTTGGCTGAGACCGAAGGAATTACTATGTCTCACTCCAGCAAATTCAGGAGCAGATTGGGGCGCGGAG
 GAGCAGCTGCAGCAGATCCGAACAGAGACGGAAGGCCAGAAGCTGGAGCACGAGCAGCTGGTGGCATCA
 AAACCTGTTTAGAGAAGGAGATTGACACATACTGCAACTTACTAGACGGAGAGGAACAAGAAGTGAATC
 CACAAGTTACAAACCAAAGGATGGCAAGCCTGCAAGTGAATTCAATGACTCAGCAGAAGAAACATTTGCC
 AGAACAGTGGCTGAAGAGCTAGATCAACTTGGTAACTCCTTTCACTGAGAGTGCCTCCGTGGAAGAAA
 AATCCTCTAAGATCAGCAATATCACCATGGAGCAGCGGGTGCCTTCAAAGCCCCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG217150 representing NM_001033397
 Red=Cloning site Green=Tags(s)

MSFRFSGRSRVCSRAGSVRLSRGGAGFVAGNVCVGPGEAGSFSCTLGGLSSGGSFASEGSGRGSISGFLN
 NEPGLFSGNEKVAMQNLNDRLLALYLNHVSAL EEANTDLEKKIEGWYKCGPGRGRRLDHDCSRYFSVIED
 LKRQILSMTTCNANLVLQNDNARLTADDFKMKYENELALHQSV EADTNGLRRLVDELTLSTTDLEIQREA
 LSEELTYLQKNHEEEMVVLQNASGGNINVMNAAPSVDLTAMLNMR AEYEDLAEQNRKDAEASFKEKSA
 SLQQQISDDAGAATAARNELMELKRNLQTL EIELQSITAMKQSYENSLAETEGNYAQLQQIQEQIGARE
 EQLQQIRTETEGQKLEHEQLLGIKTCLEKEIDTYCNLLDGE EQRSESTSYKPKDGKPASEFNDSAEETFA
 RTVAEELDQLGNLLSLRVHSVEEKSSKISNITMEQRVPSKAP

TRTRPLE – GFP Tag – V

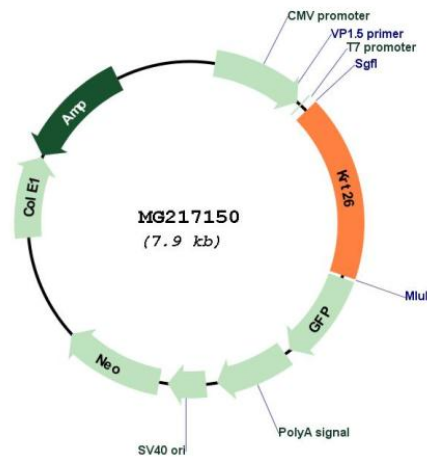
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001033397

ORF Size: 1386 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_001033397.5</u> , <u>NP_001028569.2</u>
RefSeq Size:	2600 bp
RefSeq ORF:	1389 bp
Locus ID:	320864
UniProt ID:	<u>Q3TRJ4</u>
Cytogenetics:	11 D