

## Product datasheet for **MR217150**

### **Krt26 (NM\_001033397) Mouse Tagged ORF Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | Krt26 (NM_001033397) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK                                     |
| Symbol:                   | Krt26                                       |
| Synonyms:                 | 4732407F15Rik; Krt25b                       |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-Entry (PS100001)                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                        |



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**ORF Nucleotide Sequence:**

>MR217150 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCTTTTCGGTTTTTCGGGGCGATCCAGGGTCTGTTCTCGAGCTGGGTCTGTCAGGCTGTCCAGAGGAG  
 GGGCAGGCTTTGTGGCCGGAACGTGTGTGTTGGGCTTGAGCGGAAGGCAGCTTTTCTGCACCCTTGG  
 GGGCCTCTCTTCTGGAGGAAGCTTTGCCAGCGAGGGGTACAGTAGGGGAAGTAGCATTGGCTTCTTAAC  
 AACGAGCCAGGACTCTTCTCTGGGAACGAGAAGGTGGCCATGCAGAACCTCAATGACCGCTGGCCTTGT  
 ACCTGAACCACGTGAGTGCCTGGAGGAGGCCAACACGGACCTGGAGAAGAAGATCGAGGGCTGGTACGA  
 GAAGTGTGGGCCCGCAGAGGCCGTAGACTTGACCATGACTGCAGCCGGTATTTCTCAGTCATTGAGGAT  
 TTGAAACGACAGATCCTGTCTATGACCACCTGCAATGCCAACCTTGTCTTCAAATGACAATGCCAGAC  
 TCACAGCTGATGACTTCAAGATGAAGTATGAAAATGAACTGGCTCTGCACCAGAGTGTGAGGCTGACAC  
 CAACGGCTTCGCAGAGTGTGGACGAGCTGACGCTGTCTACAACCGACTTGGAAATACAACGGGAGGCT  
 CTGAGTGAGGAGCTGACGTACCTCCAAAAGAACCACGAGGAGGAAATGGTGGTTCTGCAAAATGCATCAG  
 GGGGGAACATCAATGTGGAGATGAACGCAGCCCCAGTGTGGATCTAACCGCCATGTTGAACAACATGAG  
 GGCCGAATATGAAGATTTGGCTGAGCAGAACCGGAAAGATGCAGAGGCCAGCTTTAAAGAGAAGAGCGCG  
 TCGCTGCAGCAACAGATTTAGATGACGAGGAGCAGCCACAGCAGCCAGAAACGAACTGATGAACTGA  
 AACGCAATCTGCAGACTCTGGAGATAGAAGTCAATCCATCACGGCTATGAAACAATCCTACGAAAATTC  
 ATTTGGCTGAGACCGAAGGAATTACTATGTCTCACTCCAGCAAATTCAGGAGCAGATTGGGGCGCGGGAG  
 GAGCAGCTGCAGCAGATCCGAACAGAGACGGAAGGCCAGAAGCTGGAGCACGAGCAGCTGCTGGGCATCA  
 AAACCTGTTTAGAGAAGGAGATTGACACATACTGCAACTTACTAGACGGAGAGGAACAAGAAGTGAATC  
 CACAAGTTACAAACCAAAGGATGGCAAGCCTGCAAGTGAATTCAATGACTCAGCAGAAGAAACATTTGCC  
 AGAACAGTGGCTGAAGAGCTAGATCAACTTGGTAACTCCTTTCACTGAGAGTGCCTCCGTGGAAGAAA  
 AATCCTCTAAGATCAGCAATATCACCATGGAGCAGCGGGTGCCTTCAAAGCCCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR217150 protein sequence  
 Red=Cloning site Green=Tags(s)

MSFRFSGRSRVCSRAGSVRLSRGGAGFVAGNVCVGPGEAGSF SCTLGGLSSGGSF ASEGSGRGS SIGFLN  
 NEPLFSGNEKVAMQNLNDRLALYLNHVSAL EEANTDLEKKIEGWYEKCGPGRRRLDHDCSRYSVIED  
 LKRQILSMTTCNANLVLQNDNARLTADDFKMKYENELALHQSV EADTNGLRRLVDELTLSTTDLEIQREA  
 LSEELTYLQKNHEEEMVVLQNASGGINVEMNAAPSVDLTAMLNNMRAEYEDLAEQNRKD AEASFKEKSA  
 SLQQQISDDAGAATAARNELMELKRNLQTLIELQSITAMKQSYENSLAETEGNYAQLQQIQEQIGARE  
 EQLQQIRTETEGQKLEHEQLLGIKTCLEKEIDTYCNLLDGEEQRSESTSYKPKDGK PASEFNDSAEETFA  
 RTVAEELDQLGNLLSLRVHSVEEKSSKISNITMEQRVPSKAP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001033397

**ORF Size:** 1389 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:**
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\\_001033397.1](#), [NM\\_001033397.2](#), [NM\\_001033397.3](#), [NM\\_001033397.4](#), [NM\\_001033397.5](#), [NP\\_001028569.2](#)

**RefSeq Size:** 2600 bp

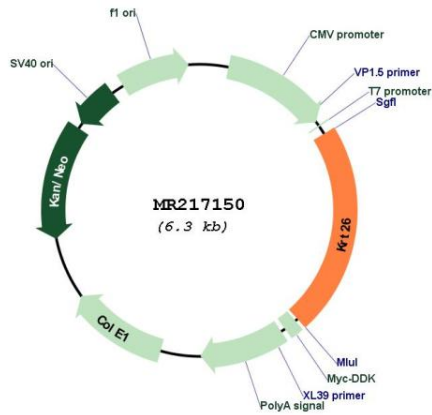
**RefSeq ORF:** 1389 bp

**Locus ID:** 320864

**UniProt ID:** [Q3TRJ4](#)

Cytogenetics: 11 D  
 MW: 51.1 kDa

**Product images:**



Circular map for MR217150