

## Product datasheet for RR201110

### Krt26 (NM\_001008823) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Krt26 (NM\_001008823) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Krt26  
Synonyms: Ka39  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR201110 representing NM\_001008823  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTTTTCGATTTTCAGGGGGATCCAGGGTCTGTTCTCGAGCTGGTTCGGTCCAGGGGAG  
GGGCAGGCTTTGTGGCCGGAATGTGTGTGTTGGCCGGGAGCAGAAAGCAGTTTTCTTGCACCCTTG  
GGGATCTCTTCTGGAGGAAGCTTTGGCAATGAGGGTTCGAGTCGGGAAATAGCGTTGGCTTCATTAAC  
AACGAGCCAGGACTCTTCTCTGGGAACGAGAAGGTGGCCATGCAGAACCTCAATGACCGTCTGGCATTGT  
ACCTGAACCATGTGAGCTCCCTGGAGGAGGCCAACACGGACCTGGAGAAGAAGATTGAAGACTGGTATGA  
GAAGTGCAGGCCTGGTAAGGGCCGTAGACTGGACCATGACTGCAGCCGGTATTTCCCACTATTGAGGAT  
TTGAAACGACAGATCCTGTCTATGACCACCTGCAATGCCAACCTTGTCTTCAAATGACAACGCCAGAC  
TCACGGCAGATGACTTCAAGATGAAGCACCAGAGTGTGGAGCGGACACCAACGGTCTTCGAGAGTGT  
GGACGAGCTGACGCTGTCCACAACCGACTTAGAAATACAACGTGAGGCTCTGAGCGAGGAGCTGACGTAC  
CTCCAAAAGAACCATGAGGAGAATGCATCAGGGGGGAACATCAATGTGGAGATGAACCGGCCCCAGGCC  
TAGATCTAACCGCCATGTTGAACAACATGAGGGCCGAATATGAAGATTTGGCTGAGCAGAACCGGAAAGA  
TGCAGAGGCCAGTTTTAAGAGAAGAGTGCATCGCTGCAGCAACAGATTTAGACGACGCAGGAGCAATC  
ACGGCGGCCAGAAAACGAGCTGATGGAACCTGAAACGCAATCTGCAGACTCTGGAGATAGAACTTCAATCCA  
TCACGGCTATGAAACAATCCTATGAAAGTTCATTGGCCGAGACCGAAGGGAATTACTATGCGCAACTCCA  
GCAGATCCAGGAGCAGATTGGGCTGCGGGAGGAGCAGCTGCAGCAGACCAGAACGGAGACGGAGGCCAG  
AAACTGGAGCAGCAGCAGCTGCTCGGCATCAAACGTGTTTGGAGAAGGAAATTGATACATACTGCAACC  
TACTAGACCGAGAGGAACAGGACTCAGCAGAAGAAACGTTTCCAGAACAGTGGCTGAAGAGCTAGATCA  
GCTTGGCAACCTCTTTCACTTCGAGTGCCTCCGTGGAAGAAAATCCTAAGATCAGCAATATCACC  
ATGGAGCAGTGGCTGCCTTCAAAGCCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RR201110 representing NM\_001008823  
 Red=Cloning site Green=Tags(s)

MSFRFSGGSRVCSRAGSVRLSRGGAGFVAGNVCVGPGAESSFSCTLAGISSGGSFGNEGSSRGNVSVGFIN  
 NEPLGFSGNEKVAMQNLNDRLLALYLNHVSSLEEANTDLEKKIEDWYEKCRPGKRRDLHDCSRYPVIED  
 LKRQILSMTTCNANLVLQNDNARLTADDFKMKHQSYEADTNGLRRVLDLSTTDLEIQREALSEELTY  
 LQKNHEENASGGNINVEMNAAPGLDLTAMLNMRAYEDLAEQNRKDAEASFKEKSASLQQQISDDAGAI  
 TAARNELMELKRNLQTLIEIQSITAMKQSYESSLAETEGNYAQLQQIQEQIGLREEQLQQRTEETSQ  
 KLEHEQLLGIKTCLEKEIDTYCNLLDREEQDSAETTFARTVAEELDQLGNLLSLRVHSVEEKSSKISNIT  
 MEQWLPSKAP

TRTRP**LEQKLISEEDLA**NDILDYKDDDDKV

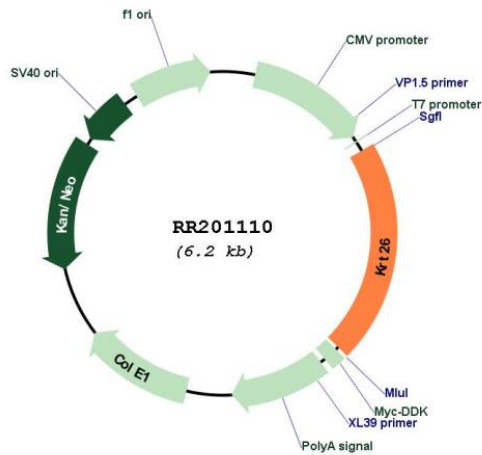
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001008823

<b>ORF Size:</b>	1290 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001008823.1</a> , <a href="#">NP_001008823.1</a>
<b>RefSeq Size:</b>	1293 bp
<b>RefSeq ORF:</b>	1293 bp
<b>Locus ID:</b>	407758
<b>Cytogenetics:</b>	10q31
<b>MW:</b>	47.8 kDa
<b>Gene Summary:</b>	member of the keratin family of intermediate filament proteins [RGD, Feb 2006]