

## Product datasheet for **RR206039**

### Krtap7-1 (NM\_001145002) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Krtap7-1 (NM\_001145002) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Krtap7-1  
 Synonyms: RGD1560879  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RR206039 representing NM\_001145002  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACTCGCTTTTCTGCTGTGGAACTACTTCCAGGGTATCCTTGCTATGGAACCACTTCCACGGAA  
 CCTACAGAGCCACCCCTGAAGTGTGCTGCTTGGGCTCCCCCTGAACCATGGCTGTGGAACCAT  
 CTACAGCTCCCGCAACTTCTGCTATGGTGGCGTTAGTAAGTCCAGGCTGTTGCTATGGCAGC  
 AGCTTTTACAGGCCATGGGCTCTGGCTCTGGCTCGGCTACAGCACCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206039 representing NM\_001145002  
 Red=Cloning site Green=Tags(s)

MTRFFCCGNYFPGYPCYGTNFGHTYRATPLNCVVPLGSPLNHGCCTIYSSRNFCYGGVSNFQNPGCCYGS  
 SFYRPWGS GSGFGYSTY

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001145002

**ORF Size:** 261 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.

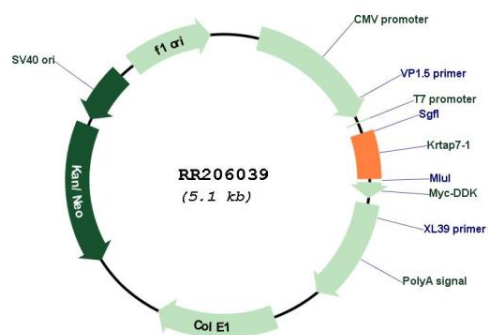
**RefSeq:** [NM\\_001145002.1](#), [NP\\_001138474.1](#)

**RefSeq Size:** 632 bp

**RefSeq ORF:** 264 bp

Locus ID: 363741  
 Cytogenetics: 11q11  
 MW: 9.5 kDa

### Product images:



Circular map for RR206039