

Product datasheet for **RR210239**

Krt28 (NM_001008760) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt28 (NM_001008760) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Krt28
Synonyms: Ka41; Krt25d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210239 representing NM_001008760
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTCTCCGGTTTTCTGGCGGATCCAGGCACGCTGGCCTACAGTCAGGATCCCTCAGGCCGCCAGCG
GAGGCGCAGGCTTTGCTGGGAGCAGTGCAGCCGGCGTTTCAGTTGCTGGTAGTGGATTTCTTGGCCCTT
GGGAGGGACACTGTGCAGTGTCTCTGGTGGGAGCCACGCTACTGGTGCCCTGGGAAATGTCAGTTGTGT
GGCTTCGCTGGAAGTGAAGGAGGGCTCCTCTCTGAAACGAGAAGGTACCATGCAGAATCTCAACAACC
GCTTGGCCTCTTACCTGGATAATGTGAAAGCTCTGGAGGAAGCGAACACTGAACTAGAGAAAAGATCAA
AACTTGGCATGAGAAATACGGACCCGGATCTTGCCGTGGGCTTGACCGTGACTACAGCAATTATCATCTA
ACCATTGAGGACCTTAAAGCAAGGTACATCTTCCACGGCTGCTAACGCTAATAAATTCTGCAGATTG
ATAATGCCAGACTGGCTGCTGACGATTTTCAGACTAAAGTATGAAAACGAACTCACCTTCACCAAAATGT
GGAGGCCGACATCAATGGATTGCGTCGCGTCTGGACGAGCTGACGCTCTGCAGGACGGACCAAGAGCTG
CAGTATGAATCCCTGAGTGAGGAGATGACTTACCTCAAGAAGAACCACGAAGAGGAAATGAAGTTCTGC
AGTGCCGACGCCGAGGTAACGTGAATGTGGAGATGAACGCGGCCCGGGCGTGGACCTCACCGCTCTGCT
GAACAACATGAGAGCCGAGTACGAGGCCCTGGCTGAGCAGAACCAGGGACGCCGAGGCTGGTTCCAA
GAGAAGAGCGCCACGCTGCAGCAGCAGATCTCCAATGACTTGGGCGCAGCCACCTCAGCCAGGACTGAGC
TGACAGAGCTGAAGCGCTCCCTGCAGACGCTGGAGATCGAGCTGCAGTCACTCTCAGCAACGGGTTTTGA
ATCTGGAACCTCGGGAAATTCATCCAAAGATGTATCCAAAACCACTGGTGAAGACCGTGGTTGAAGAA
ATAGATCCGCGTGGTAAGGTCTGTCTCCAGGATCCACTCCATCGAGGAAAAGATGACCAAGATAAGCA
ACAGCAAGGCTGAGCAGAGGGTTCCCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR210239 representing NM_001008760
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MSLRFSGGSRHAGLQSGSLRPPSGGAGFAGSSAAGGSVAGSGFSWALGGTLCAPGGSHATGALGNVTCV
 GFAGSEGGLLSGNEKVTMQNLNNRLASYLDNVKALEEANTELERKIKTWHEKYGPGSCRGLDRDYSNYHL
 TIEDLKSKEVISSTAANANIILQIDNARLAADDFRLKYENELTLHQNVEADINGLRRVLDLDELTLCRTDQEL
 QYESLSEEMTYLKKNHHEEMKVLQCAAGGNVNVEMNAAPGVDLTVLLNNMRAEYEAQNRDAEAWFQ
 EKSATLQQQISNDLGAATSARTELTTELKRSQTLEIELQSLSATGFESGTSGNSSKDVSKTTLVKTVVEE
 IDPRGKVLSSRIHSIEEKMTKISNSKAEQRVPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

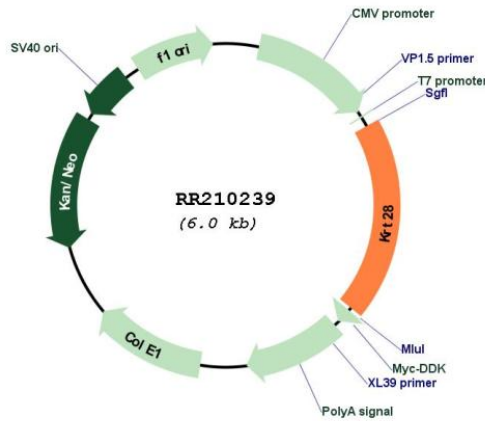
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001008760

ORF Size:	1149 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_001008760.1 , NP_001008760.1
RefSeq Size:	1152 bp
RefSeq ORF:	1152 bp
Locus ID:	360623
Cytogenetics:	10q31
MW:	41.3 kDa