

Product datasheet for **RN205098**

Krt31 (NM_001008817) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt31 (NM_001008817) Rat Untagged Clone
Tag: Tag Free
Symbol: Krt31
Synonyms: Ka25
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205098 representing NM_001008817
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCCATACAACTGCTGCCTGCCCGCCTGAGCTGCCGAACCAGCTGCTCCTCCAGGCCCTGCGTGCCCC
CCAGCTGCCATGGCTGCACCCTGCCCGGGCCTGCAACATCCCCGCCAATGTGGGCAACTGCAATTGGTT
CTGTGAGGGCTCCTTCAATGGCAATGAGAAGGAGACCATGCAGTTCCTGAATGACCGCCTGGCCTCTAC
CTGGAGAAGGTGAGGCAACTGGAGAGAGAGAATGCAGAGCTGGAAGCAGGATCCAGGAGAGGAGCCAGC
AGCAGGACCCCTGGTGTGTCCCGCCTACCAGGCCTACTTCAGGACCATTGAGGAGCTGCAGCAGAAGAT
CCTGTGCAGCAAATCTGAGAACGCCAGGCTGGTGGTGCAGATTGACAACGCCAAGCTGGCTGCAGACGAC
TTCAGGACCAAGTATGAGACAGAGCTCAGTCTGAGGCAGCTGGTGGAGTCAGACATCAATGGCCTGCGCA
GAATCCTGGACGAGCTGACCCTCTGCAAGTCTGACCTGGAGGCACAGGTGGAGTCCCTGAAGGAGGAGCT
GCTGTGTCTCAAGAGGAACCACGAGGAGGAAGTCAACACCCTGCGCTGCCAGCTTGGAGACCGCCTCAAC
GTCGAGGTGGACGCTGCTCCACTGTGGACCTGAACCGGGTCTCAATGAGACCAGGTGTCAGTACGAGG
CCCTGGTGAAACCAACCGCCGGGAAGTGGAGGAATGGTTCACCACACAGACTGAGGAGCTGAACAAGCA
GGTGGTGTCCAGCTCAGAGCAGCTGCAGTCTGCCAGGCCGAGATCATCGAGCTGAGACGCACAGTCAAT
GCCCTGGAGATCGAGCTGCAGGCCAGCACAGAACTCTCTGGATGACACCCTGACAGAGAGTGAGGCTC
GCTACTGCTCCGCCATCCCAGGGGCAGTGCCTGATCACCAACGTGGAGTCCCAGCTTGGTGGAGATCCG
GGCTGACCTGGAGCGTCAGAACCAGGAGTACCAGGTGCTGCTGGACATCCGGGCCCGGCTGGAGTGTGAG
ATCAACACGTACAGGGCCTGCTGGAGAGCGAGGACTGCAAGCTACCTTGCAACCCTGTGCCACAAGCA
ACGCGTGCGGCAAGCCATTGGGCCCTGCGTCTCCAATCCCTGCGCCCTGCCACCCCTGCCCTTG
CACACCTGTGTCCACGTTCCCGCTGTGGCCATGCAATAGCTTTGTACGCTAG

AG**CGGACCG**ACGCGTACCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001008817
Insert Size:	1245 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001008817.1</u> , <u>NP_001008817.1</u>
RefSeq Size:	1245 bp
RefSeq ORF:	1245 bp
Locus ID:	450228
Cytogenetics:	10q31