

Product datasheet for **RN206338**

Krt8 (NM_199370) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt8 (NM_199370) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt8
Synonyms:	CYKER; Krt2-8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206338 representing NM_199370
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGTCCGTCAGGGTGACTCAGAAATCTACAAGATGTCCACCTCCGGTCCCCGGGCTTCAGCAGCCGCT
CGTTCACGAGTGGACCCGGTGCCCGCATCAGCTCTCCAGCTTTCCCGGGTGGGCAGCAGCAGCAGCAG
CTTCCGCGGAAGCCTGGGCGGCTTTGGCGGGGCTGGTGTGCGGGGCATCACGGCGGTACCGTGAACCCAG
AGCCTGTGAACCCCTTGAAGCTGGAGGTGGACCCCAACATCCAGGCTGTGCGCACTCAGGAGAAAGAGC
AGATCAAGACCCTGAACAACAAGTTCGCTCTTTTCATTGACAAGGTACGCTTCTGGAGCAGCAGAAACA
GATGCTGGAGACCAATGGAGCTTGCTGCAACAGCAGAAGACATCCAGGAGCAACATGGACAACATGTTT
GAGAGTTACATCAACAACCTCCGTCGGCAGCTGGAAGCCCTGGGCCAGGAGAAGCTGAAGCTGGAGGTGG
AGCTTGGCAACATGCAGGGCCTGGTGGAGGACTCAAGAATAAGTATGAGGATGAGATCAACAAGCGTAC
AGAGATGGAGAATGAGTTTGTCTCATCAAGAAGGATGTGGATGAAGCCTACATGAACAAGTGGAGCTT
GAGTCCCCTGGAAGGACTGACCGACGAGATCAACTTCTCCGGCAGATCCATGAAGAGGAGATCCGTTG
AGCTGCAGTCTCAGATCTCAGACACGTCTGTGGTGTGTCCATGGACAACAGCCGCTCCCTGGACATGGA
CAGCATCATTGCTGAAGTTCTGTGCCAGTATGAGGAGATCGCCAACCCGACGGCGAGCTGAGGCCGAAACC
ATGTACCAGATTAAGTATGAGGAATTGCAGACCCTGGCTGGGAAGCACGGGGATGATCTACGTCGCTCGA
AGACGGAGATCTCTGAGATGAACCGTAACATCAGCCGCTGCAGGCGGAGATTGACGCCCTCAAAGGCCA
GAGGGCAACCCCTGGAGGCGGCCATTGCTGATGCAGAGCAGCGTGGGGAACCTGGCCGTGAAGGATGCCAAT
GCCAAGCTGGAGGATCTGAAGAATGCCCTGCAGAAGCCCAAGCAGGACATGGCCCGCAGCTGCGCGAGT
ACCAGGAGCTGATGAACGTCAAGCTGGCGCTTGACATCGAGATCGCCACCTACCGCAAGCTGCTGGAGGG
CGAGGAGAGCAGGCTGGAGTCTGGGATGCAGAACATGAGCATCCACACGAAGACCACAGTGGCTACGCA
GGAGGACTGAGTTCATCTACGGGGGACTCACTAGCCCCGGCTTCACTATGGAATGAGCTCTTTCCAGC
CCGGCTTCGGTTCTGTTGGGGGATCCAGCACTTATAGCCGCACCAAGGCTGTGGTGTGAAGAAGATTGA
AACCCGAGATGGGAAACTGGTGTCTGAGTCTTCTGACATCATGTCCAAGTGA

ACCGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199370

Insert Size: 1452 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:

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_199370.1](#), [NP_955402.1](#)
RefSeq Size: 1695 bp
RefSeq ORF: 1452 bp
Locus ID: 25626
UniProt ID: [Q10758](#)
Cytogenetics: 7q36
Gene Summary: an intermediate filament protein; may play a role in prostrate cells [RGD, Feb 2006]