

Product datasheet for RN211208

Krt18 (NM_053976) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt18 (NM_053976) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt18
Synonyms:	Krt1-18
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211208 representing NM_053976 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTTACCACCCGCTCCACCCTTCTCCACCAACTACCGGTCCCTGGGCTCTGTGCGGACTCCCA
GCCAGCGGGTCCGGCCTGCCAGCAGCGCAGCCAGCGTCTATGCAGGTGCTGGGGGCTCAGGTCCCAGGAT
ATCCGTGTCCCGCTCTGTCTGGGGTGGTCCGTGGGGTCCGCAGGCCTGGCGGGAATGGGTGGGGTCCAG
ACTGAGAAGGAGACCATGCAAGACCTGAACGACCCTGGCCAGCTACCTAGACAAGGTGAAGAACCTGG
AAACCGAGAACAGGAGACTAGAGAGCAAAATCCGGAATATCTGGAGAAAAGGGGTCCCCAGGGCGTCAG
AGACTGGGGCCACTACTTCAAGACCATCGAAGATCTGAGGGCTCAGATCTTTGCGAATTCTGTGGACAAT
GCCCGCATCGTCTGCAGATCGACAATGCCCGTCTTGCCGCTGATGACTTTAGAGTCAAGTATGAGACGG
AACTGGCCATGCGCCAGTCTGTGGAGAGTGACATTCATGGACTCCGCAAGGTGGTGGATGACACCAACAT
CACGAGGTTGCAGCTGGAGACAGAAATCGAAGCGCTCAAGGAGGAGCTGCTGTTTCAAGAAAGAAATCAT
GAGGAGGAAGTCCAAGGCCTGGAAGCTCAGATTGCCAGTTCTGGGTTGACTGTGGAAGTGGATGCTCCCA
AATCTCAGGACCTCAGCAAGATCATGGCGGACATCCGTGCCAGTATGAACAGCTGGCTCAGAAGAACC
TGAGGAACTGGACAAGTACTGGTCTCAGCAGATTGAAGAGAGTACCACGGTAGTACCACCAAGTCTGCC
GAAATCAGGGACGCTGAGACCACACTCTTGAGGCTGAGACGCACCCCTCCAGACCTTGAGATTGACCTGG
ACTCGATGAAAAACCAGAACATCAACTTGAGAGAACAACCTCGGGGAAGTGGAGGCCAGATACAGGGTGCA
GATGGAGCAACTCAATGGGGTCTTCTGCATCTGGAATCAGAGCTGGCACAACCTCGGGCAGAAGGACAG
CGCCAGACCCAGGAATACGAAGCCCTGTTGAACATCAAGGTCAAGCTTGAGGCGGAGATTGCCACCTACC
GCCGCTTGCTGGAGGATGGGACGATTTAGTCTCAACGACGCCCTGGACTCCAGCAACTCCATGCAAAAC
TGTCAGAGGACAACACCCGTAAGGTCGTGGATGGCAAAGTGGTGTCCGAGACCAATGATACCAGATT
CTGAGGCAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053976
Insert Size:	1272 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_053976.1</u> , <u>NP_446428.1</u>
RefSeq Size:	1397 bp
RefSeq ORF:	1272 bp
Locus ID:	294853
UniProt ID:	<u>Q5BJY9</u>
Cytogenetics:	7q36
Gene Summary:	involved in testicular differentiation [RGD, Feb 2006]