

Product datasheet for **RN211881**

Krt77 (NM_001008807) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt77 (NM_001008807) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt77
Synonyms:	Kb39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211881 representing NM_001008807
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGCCGCCAGTTCAGTTCTCAGTCTGCATTTAGCTCTAGGAGCAGGAGGGTCTATAGCACCAGGTCTT
 CATCAGGCTTTGGGGTGGGAGACAGATTCTGGTGTCTGTGGTCAGTCGAGGAGGTGTGGAGGTGATTA
 TGGTGGTGGGTTCAATTCCAGGAGTCTCTATAGTCTGGTGGTAGTAAAAGCATCTTTGGGGCCTAGTG
 GGGCGAAGTGCCAGTGGTTTCTGCCAGAGTAGAGGGCAGGAGGAGATTTCGAGGAGGATTTGGGGAG
 GAAGAAGCTTTGGTGGAGGTGGCTTTGGGGTGGCTATGGTGGAGGTGGCAGATTTGGAGGTGGTTTGG
 GGGCGATTGGCACTAGCAATTTGGGCTTGGTGGCTTCGGTCTTCTATCCTCCCGGGGCATCCAT
 GAGGTGACTGTAAACAGAGTCTCCTGGAGCCCTTCACCTAGAAGTGGATCCTGAAATTCAGAAGATCA
 AGACCCAGGAGAGGGAGCAGATCAAGACTCTCAACAACAAGTTGCCTCCTTCATCGACAAGGTGCGCTT
 CCTGGAGCAGCAGAACCAGGTGCTGCAGACCAATGGGAGCTGCTGCAGCAGGTGAACACGTCTACTCGG
 ACCAGCAGCCTGGAGCCCATCTTTGAGGAGTTCATCAATCAGCTGCAGAGGCAGGTGGATGTTCTGACCA
 ATGAGCAGTTGCCCCAGAACTCAGAGATCAGGAGCATGCAGGATATCGTGGAGGACTACAAGAACAGTA
 TGAGGATGAGATCAACAACCGACCAATTCAGAGAATGACTTTGTTGTTTGAAGAGGAGCTGGATGCT
 GCTTTCATGGCCAAATCAGACTTGACAGTCCAGAGTGGACACGCTGTACGGGGAGATCAACTTCCTGAAAT
 ATCTATTTGATACGGAGCTGTCCAGATACAAACCCATGTCAGTGATACCAATGTCATCTTGTCAATGGA
 CAATAACCGCTCCTTGGACTTGGACAGCATCATCAATGCAGTGCACCCCAATATGAATTAATTGCACAG
 AAGAGCAAAGACGAGGCTGAGGCACTGTACCAACCAAGTACCAAGAGCTGCAGATCACAGCTGGCAAAC
 ATGGAGATGACCTGAAGAATAGCAAGATGGAGATCTCAGAGCTTAACCGCAATGCCAGAGGCTGCAGGC
 AGAGATCGCCAACATCAAGAAGCAGATCGAACAGATGCATGGATCCATTTCCGATGCAGAGGAGAGGGGA
 GAAAGAGCTCTCCAGGACGCCAAGCAGAAGCTGCAAGAACGGAAGAGGCTTGCAGCAGATGAAAGAGG
 ACCTGGCTAGGCTGCTGAGAGATTACAGGCACTGCTGGGTGCCAAGCTGTCTTGGATGTGGAGATCGC
 CACCTACCGCAGCTTTTGGAGGCGAGGAGAGCAGGATGTGGGGGCTCTGCAGAGTCAAGTGAGCATC
 TGGGCTTTGCCAGCAATGAAGGAAATGATCTTGGTGAACGACTTCACGATCCTCAGTCCAGGTCCCCG
 TTCCTAACTGGGCTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001008807

Insert Size: 1560 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:	<u>NM_001008807.1, NP_001008807.1</u>
RefSeq Size:	1560 bp
RefSeq ORF:	1560 bp
Locus ID:	406226
UniProt ID:	<u>Q6IG01</u>
Cytogenetics:	7q36
Gene Summary:	predicted to be a member of the keratin family of intermediate filament proteins [RGD, Feb 2006]