

Product datasheet for MC223435

Krt78 (NM_212487) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt78 (NM_212487) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt78
Synonyms:	2310030B04Rik; Kb40
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223435 representing NM_212487 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCTCTCCATGCCGGGCCAGAGGGGCTTCAGCGCCACTCAGCGTGTCTGCCTTTTCAGGGG
CTCGGGGCAGGACTGGCTTCAGCAGCAGGAGCCTTAGTTCCTCCAGGAGATGCAGAGGAAGCTCTTGTTG
GAGGGCCTGGGGGCAGAGACCAGGCAAGGGATACGGTTTGGGCAGGGTAAGGGAGGGCCTGGATTTTCC
CAGTGCCTCCAGGGGGCATCCAAGCAGTGACTGTCGACCAGAGTCTGCTGACCCCACTGAAGATCGAGG
TTGACCCCAAGTCCAGGTGGTGAAGACACAGGAGACTCGAGAGATCAGAAGCCTCAACAACCAATTCGC
CTCCTTATTGACAAGGTGCGCTTCTGGAGCAACAGAACAAGGTAAGTGGAGACCAAGTGGGAGCTGCTG
CAGCAGCTGCAGGGCAATCGCAGCCCTCAGGGTCTAGAGTGCACTTCGAAACCTGCCTAGCCCGACTCA
GGCAGCAGCTGGAGGAGCTGCAGAGAGAGCGAAGGGCTCTGGACTCTGAGCTGAAGACCTATCAGGACCA
GGAGGATGAATATAAGTCCAAGTATGACCAGGAAGCGTACAAGCACGCCTCTGTGCAGAATGATTTGTG
GTCCTTAAGAAGGACGTGGATGAGGTTTTCCAGAGCAAGATGGATTTGGAAGGCAACCTGGAGTCTCTGA
AAGAACACGTCTGCTTCTTGACACGTCTGTATGAAGAAGAAGTGGACAGCTGAAGACCGCAGGCAGACGA
CATGTCTGTGGTGTCCATGGATAACAATCGTTGCTTGGACTTCAGCGACATCATTGCTGAGGTCCTG
GCCCGTTACGAGGAGATCACGCGGACTAGCAAGGCCGAGGCTGAGGCTGTGTTCCAGACCAAGTACCAGG
AACTCCAGGAATCAGCCAGCTTCAAGGGAACAGCATGAAGGAAGCGCAGGTGCAGATTTCCAGCTTCG
GCAGGCCATACATAGGCTGCAGAGTCAAGTTGGGAGCCTCAGGAAGCAGAATGACAGTCTGCAGTCGGCC
ATCGCTGATGCTGAGCAGCAAGGGGAGATGGCTGTGAGGGATGCCAGGCCAAGCTGGATGAGCTGGAGG
CTGCCCTGAGAACAGCCAAGCAGGACATGGCACAGATGCTACGTGACTACCAGGAAGTATGGGCACGAA
GTTGTCCCTGGATGTGGAGATCGCCATGTACCGGAGGTTGCTGGAGAGTGAGGAGTGCAGGATATCCAGC
GAGCACACCAGCCAGGTCAGTGTCTATAACAGAGGGCAGCATTGTGCCTGGAAGAAGTGTGGAGGCC
AAGTAGTTGTGCCTGGAAGAATGGTACAGGCCAAGTGGTTCATGCCTGGAAGGGAATGTGGAGGTCATGT
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GTGCCTAGAGGAGAATGTGGAGGCCAGGTGACCATGCCTGGGAGAGGATCTGGAGGCCAGGTGACCATGC



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CTGGGAGAGGATCTGGAGGCCAGGTGACCATTCCTGGAAGAGGATCTGGAGGCCAAGTGACTGTGCCTGG
 GAGAGGATCTGGAGGCCAAGTGACCATACCTGGGAGAGGATCTGGAGGCCAGGTGACCATTCCTGGAAGA
 GGATCTGGAGGCCAAGTGACCGTGCCTGGGAGAGGATCTGGAGGCCAGGTGACCATTCCTGGGAGAGGAT
 CTGGAGGCCAGGTGACCATTCCTGGAAGAGAATCTGGAGGCCAGGTGACCATTCCTGGAAGAGAATCTGG
 AGGCCAGGTGACCATGCCTGGAAGAGAATATGGAGGCCAGGTGACCATTCCTGGAAGAGAATCTGGAGGC
 CAGGTGACCATGCCTGGAAGAGGATCTGGAGGCCAGGTGACCATGCCTGGGAGAGGATCTGGAGGCCAGG
 TGACCGTGCCTGGAAGAGAATATGGAGGCCAGGTGACCGTGCCTGGGAGAGGATCTGGAGGCCAGGTGAC
 CGTGCCTGGGAGAGAATATGGAGGCCAGGTGACCGTGCCTAGAGGAGAATGTGGAGGCCAGGTGACAGTG
 CCTGGAAGAGAATATGGAGGCCAGGTGACCATGCCTAGAGGAGAATGTGGGGTCAAGTGACCATGCCTG
 GAAGAGAATATGGAGGCCAGGTGACCATGCCTGGAAGAGAATCTGGAGGCCAGGTGACCGTGCCTGGAAG
 AGAATATGGAGGCCAGGTGACCATGCCTAGAGGAGAATGTGGAGGCCAGGTGACCGTGCCTGGAAGAGAA
 TATGGAGGCCAGGTGACCATGCCTAGAGGAGAATGTGGGGTCAAGTGACCATGCCTGGAAGAGAATATG
 GAGGCCAGGTGACCGTGCCTAGAAGAGAGTGTGGAGGCCAGGTGACCGTGCCTGGAAGAGAATATGGAGG
 CCAGGTGACCATGCCTGGAAGAGAATCTGGAGGCCAGGTGACCGTGCCTGGGAGAGAATATGGAGGCCAG
 GTGACCGTGCCTAGAGGAGAATGTGGAGGCCAGGTGACCGTGCCTGGGAGAGAATATGGAGGCCAGGTGA
 CCGTGCCTAGAGGAGAATGTGGAGGCCAGGTGACCGTGCCTGGAAGAGAATATGGAGGCCAGGTGACCAT
 GCCTAGAGGAGAATGTGGAGGCCAGGTGACCGTGCCTAGAGGAGAATGTGGGGTCAAGTGACCATGCCT
 GGAAGAGAATATGGAGGCCAGGTGACCGTGCCTGGAAGAGAATATGGAGGCCAGGTGACCATGCCTGGA
 GAGAATGTGGAGGCCAAGAGGTCATTCTAGAGGAGAATGTGGGGTCAAGTGGTTCATGCCTGGACAAGA
 ATGTGGAGGCCAAGCAGTTATCCGAGAGGAGACTGTGGAAGCCAAGTGGTTCATTCTAGAGAAGAATGT
 GGGGGTCAAGTGTCCATGCCAGAGGAGAATGTGGAGGCCAAGTGGCACTTGTGGCCACAGAGGCTGGC
 AAGGCAGCTTTGGTCTGGAGGCTGCTTAGCATCGTTACTGGTGGCTTCGAGATCCCCAGGGATCTGG
 ATACAGCCCCACCATGGGTTCTGTTCCGTATCTGGCTCAGGCTTCAGTTCGGCTCTGGCTCCAGCTGC
 CGCACCATCCTGAAGAAGACAGTGAATCAAGTCGGAAGATGTCTGTCATTTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_212487

Insert Size:

3207 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_212487.4, NP_997652.4

RefSeq Size:

3434 bp

RefSeq ORF: 3207 bp
Locus ID: 332131
Cytogenetics: 15 F2