

Product datasheet for **MC218635**

Krt90 (NM_177717) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Krt90
Synonyms:	4732456N10Rik; Ket90
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC218635 representing NM_177717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGACCCAGCGATCCTCGGTGACCATCAAGTCTGGGGCACGCGGAATTCAGTGCCTCCTCGGCTAGCC
 TCCTTCCTGGATGTCGGCCGGGTTTCAGCTCTGTCTGTGTCCCAGAGCGGAAGAGTTTCGGAGGTGG
 CATAGGGGTGGTTTTGGGACAAGAAGCCTACACAGCTTTGGGGTAACAAGAGGATCTCCATCGGTGGG
 GGCTACCGCTCCACCCGAGCCAGCTTTGGGGCGCTGCCTGTGGTCTGGGTGTCAGCGGCATAGGATACA
 GAGTTGGGGAGCCTATGGAGGGTATGGATATGGAGGTGGAATGGCCCCGAGCTGGAGGCATCCATGA
 AGTCACTGTCAACCAGAGTCTCTGACACCCCTCCACCTGGAGATTGATCCATCTCTCCAGCGGGTTCGA
 AAGGAGGAGAAGGAGCAGATCAAGACCCTCAACAACAAGTTCGCCTCCTTCATAGATAAGGTGCGTTCT
 TGGAGCAGCAGAACAAAGTCTTAGAGACCAATGGAGCCTCCTCAAGAGCACAAAACAACAGGACCAA
 TCTAGAGCCCATGTTGAAGCCTACATACCAACCTGAGGCGCCAGCTGGAGTGCCTGGGAGGGAGCGG
 AGCAGGCTGGAGACGGAGCTGAAGAGCATGCAGGACGTGGTGGAGGACTTCAAGAACAGTACGAAGAGG
 AAATCCACAGACGTACAGCGGCAGAGAATGAGTTTGTGGTACTCAAAAAGATGTGGACGCTGCCTACAT
 GAACAAGGTGGAGCTAGAGGCCAAGGTGGAAGCTCTGATGGATGAGATCAATTCCTGAGAGCTTCTTT
 GAAGCGGAGCTGGCTCACTTCAGGCTCAAATCTCTGAGACCTCTGTGGTCTGTCCATGGACAACAACC
 GCAGCCTGAACCTGGACAGCATATTGCTGAGGTCAAGGCCCAATACGAGGACATTGCCAATCGCAGCCG
 GGCAGAGGCTGAATCCTGGTACCAGACCAAGTATGAGGAGCTGCAGAGGTCTGCTGGCCAACGCGGGGAT
 GACCTCCGTACTACTAAGATGGAGATCTCTGAGCTGAACCGGGCCATGCAGAGGCTGCGTTCTGAGATTG
 ACAATCTGAAGAAGCAGTGTGCCCACTCCAGGCTTCCATTGCCGATGCCGAGCAACGCGGGAGCTGGC
 TCTCAAAGATGCCAAGAACAAGCTGGCCGAGCTGGAGGATGCCCTGCAGAAGGCCAAGCAGGACATGGCC
 CGTCAACTGCGAGAGTACCAGGAGCTCATGAACGTCAAGCTGGCCCTGGACATAGAGATCGCCACCTACC
 GAAAGCTGCTGGAGGGCGAGGAGTGCAAGGCTCACTGGAGAAGGTGTTGGTGCCGTGAACATCTCTGTGGT
 CTCTTCCTCCGGGGGCACAGGCTACAGTGGAGGTGGTGGCTGTGTGTGAGTGGCGGAGGCTACAGCGGA
 GGCGGCTACAGTGGGAGTGGCTCTGCTACGGGGCGGAGGCAGCGGAGGTTTATGCTCCACCAGCGGTC
 GCAGCGTGAGCGGCAGCAGTTCAAGCATGAGAATTGTCTCAAGACATCATCCACCAAGAAGAGTTACCG
 GAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177717

Insert Size: 1617 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177717.4, NP_808385.2</u>
RefSeq Size:	2534 bp
RefSeq ORF:	1617 bp
Locus ID:	239673
Cytogenetics:	15 F2