

Product datasheet for **MC216908**

Krt12 (NM_010661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt12 (NM_010661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt12
Synonyms:	A1835216; K12; Krt-12; Krt1-12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216908 representing NM_010661
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCTTT**CAGTCTGCACCTCTGCGCTGTCCAGGAGTCTTCCTCACAGAATGGGGCGGCAGGCAGAC**
CTTGGGGTGCATCTGCTTCTAGTGTGCGGCGGCTATGGGGATCGGCCTCTGGCTTTGGAGTTGGCTG
TGGAGGCCTCTTTTCTGCTGCTCCATGTTTGGTTCTAGTTCTGGCTTTAGCGGTGGCTCTGCAGTTGC
TTGCCGGGCTTGGCTCTGCCTATGGGGACCTCTGAGAGGTGGCGGGGAGGAATGGGGATAGGGATGG
GGATAGCTGGAAGCTCGGGCGGTGGCTCTCTGTGTATCTTTCTGGCAATGATGGAGTCTTCTTTCTGG
TTCTGAGAAAGAAACCATGCAAAATCTAAATGACAGACTAGCTTCTACCTGGTAAGGTTCTGCTCTCTA
GAGGAGGCTAATGCAGAACTGGAAAACAAAATTCGAGAGTGGTATGAAACACGGAGAACCAGAGACGCTG
GGTCTCAGAGTGATTACAGTAAATACTACCCACTGATTGAAGACTGAAGAATAAGATCGTTTCTGCCAG
AGTCAGCAACGCCAGCTCCTCTGCAGATTGACAACGCAAGGCTGGCTGCCGAGGACTTCAGGATGAAG
TATGAGAAATGAGCTGGCCCTGCGCCAGACCGTGGAGGCCGACATCAACGGGCTGCCAAGGGTGTGGACG
AGCTGACCCTGACTAGAGCCGACCTGGAAGCCAGCTTGAGACCCTCACTGAGGAGCTGGCTTACATGAA
GAAGAACCACGAAGGAACTCCAAAGTTTCCAGGCAGGTGGTCCAGGTGAGGTCAATGTAGAAATGGAC
GCGGCCCTGGAGTGGATCTCACCAGGTCTCAATGAAATGAGAGCCAGTATGAAGCCATGGCTGAGC
AAAATCGGAAAGATGCAGAGGCCTGGTTTCTTGAAAAGAGCAGAGAGCTCCGAAAAGAGATCAGCAGCAA
CACGGAGCAGCTTCAGTCCAGCAAGAGCGAGGTCAACGACCTGAAGCGCATGGTGCAGAACCTAGAGATT
GAATCCAGTCCCAGCTCGCCATGAAGTCGTCCCTGGAAGGCTCGCTGGTGAACCCGAGGGTGGGTACT
GCTGCCAACTGTCTCAGGTGCAGCAGCTGATCGGCAGCCTGGAGGAGCACTCCAACAGGTGCGGGCTGA
CGCGGAGCGCCAGAATGCGGACCACCGCGGCTGCTGGGCGTCAAGGCTCGCCTGGAGATGGAGATTGAG
ACCTACCGCCGGCTGCTGGAGGGGACAGCCAAGGCGACGGTTTTGACGAGAGCTCATCCTTTTCTGTCT
CCAAACCCGAGACACCATCAGTCGATTCTCTAAAGACCCAAATAAACTCGAAAATCAAGACAGTCGT
GCAGGAGATAGTGAATGGCGAAGTGGTCTCATCCAGGTTCAAGAACTTGAAGAAGAGATGTAA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010661

Insert Size: 1464 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_010661.2](#), [NP_034791.2](#)
RefSeq Size: 1854 bp
RefSeq ORF: 1464 bp
Locus ID: 268482
Cytogenetics: 11 62.92 cM