

Product datasheet for **MC217497**

Krt72 (NM_213728) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt72 (NM_213728) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt72
Synonyms:	A1507495; K6irs2; Krt2-35; Krt72-ps
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217497 representing NM_213728
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCCGCCAGTTGACCCTCTATCCCGGAGCTGAGCGCCTGGGTTTCAGTGGCTGCTCTCGCGTCACT
CAGGCAGGCTCAGTGGCAGTCACGCCTCGGTCCGAGCTGGAGTCAAGGGAGCAGCATTTGGGAGCAGAAG
CCTGTTCTGTGTGGGGGAGGCCGGCGGCTGGCGTTGAGCTCTGCAGGGCGAAGTGGTGGCTTCACGCTG
GGCCACGGAGGGGCGAGCGGTGGCGGCCCTGGGGCTTCGTGGGCACCGTCTTCGGCAGCGCGGACTGG
GGCCACATGCCATCAGTGTGCCCTCCCGGTGGCATCCCCAGTTGTCGTCAACAAGAGCCTTCTGGC
CCCCTCAATGTGGAGCTGGACCCGAGATCCAGAAGTGCAGGCGACAAGAGAGGGAGCAGATCAAGGCT
CTGAACAACAAGTTGCCTCCTCATTGACAAGTCCGCTTCTGGAGCAACAGAACCAGGACTGGAGA
CCAAGTGGGAGCTGCTGCAGCAGCTGGACCTAAACAACCAAGAGGAGCCTGGAGCCTGTGCATGAGAG
TTACATCAGCAACCTGCAGAAGCAGCTGGAGATCCTGTCTGGGGATAGGGTGGAGCTGGACTCAGAGCTG
AGGAACATGAGGGAAGTGGTGGAGGACTGCAAGAAGAGGTACGAGGTGGAGATTACAGACGCACCGGCTG
CCGAGAACGAGTTCTGTGGTGTGAAGAAGGATGTGGACGCAGCTTACATGAACAAGTGGAGCTCCAGGC
CAAGGTGGACTCCTTGACAGATGACATCAAATCTTCAAGGTTCTCTTTGAAGGGGAGATAGCTCAGATG
CAGTCCCACATCAGCGACACATCCGTCACTCTCCATGGACAATAACCGGCAGCTGGACCTGGACAGCA
TCCTCGCTGAGGTTCCAGCCAGTATGAGGAGATTGCTGTGAAGAGCAAGGCAGAGACGGAGAACATGTA
CCAGTGTAAAGTCCAGGAGCTGCAGGCCACTGCAGGCCAACACGGGGATGACCTCAAACACACCAAGTCT
GAGATCACAGAGATCAACAGGCTGATCCAGAGGATCCATTCAGAGATAGGAAACATGAAGAAGCAGTGTCT
CCAACCTGGAGACGGCCATTGCTGACGCTGAACAGAGAGGTGACTGTGCTCTCAAGGATGCCCGGGCCAA
GCTGGACCACTGGAGGGAGCCCTGCAGCAGGCCAAGGAGGAGCTGGCCCGGATGCTGCGTGAGCATCAG
GAGCTCATGAATGTCAAGCTCGCCCTGGACATGGAGATCGCCACCTACAGGAAGCTTCTGGAGAGCGAGG
AGAGCCGGATGGCTGGTGAATACCCAAATCTGTGAGCATTCTGTGATTAGCAGTACCAATGCAGGACC
AGGAGGTGCTGGCTTCAGTGTGGCTTTGGTGCCTCGAGCAGTTACAACATAGACCTCTGGCCCTGGAG
GTGAAGACCAAGGATGCTGTGGCAGCGAGCTCAAGGATCCTCCGGCCAAAACCTCAGGCAGCAGCGGTA
CAACCAAAAAGACCTCCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_213728

Insert Size: 1563 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_213728.1](#), [NP_998893.1](#)

RefSeq Size: 1563 bp

RefSeq ORF: 1563 bp

Locus ID: 105866

UniProt ID: [Q6IME9](#)

Cytogenetics: 15 F2

Gene Summary: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (By similarity).[UniProtKB/Swiss-Prot Function]