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Product datasheet for MC209739

Krtap15 (NM_013713) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krtap15 (NM_013713) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krtap15
Synonyms:	Krtap15-1; Pmg-2; Pmg2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209739 representing NM_013713 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTTACACTTGCAACTCTGGAAACTACTCCTCACAGTCTTTTGGAGGTTTCTTGAGGCAGCCAGTCT CTACCTACAACTCCTTCTACCCCACCAGCAATGTAGTCTATTCTCCAAAGAACTTCCAGCTGGGATCCTC TTTCTACAATGGACAGCAGGAGACCTTCAGTGAGCCACTTGAAGGCCACTTGCCCTGTGTGGGGTCTGCA TCCTTCCACACATCCTGTTTCCGGCCTAAGCAATACTTCTCCAGCCCCTGCCAGGGAGGCTTTACCGGAT CTTTTGGATATGGCAATACTGGCTTTGGAGCTTTTGGGTTTGGAAGCTCTGGCATTCGCTCTCAGGGCTG TGGATCCAACTTCTACCGTCCAGGATACTTTTCTTCTAAGAGTATCCAGTCATCTTACTACCAGCCAGGC TACAGCTCTGGCTTTTGCGGGTCAAATTTCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_013713
Insert Size:	453 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).

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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_013713.1, NP_038741.1
RefSeq Size:	836 bp
RefSeq ORF:	453 bp
Locus ID:	26560
UniProt ID:	Q9QZU5
Cytogenetics:	16 C3.3
Gene Summary:	In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.[UniProtKB/Swiss-Prot Function]

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