

Product datasheet for MC202878

Krt25 (NM_133730) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt25 (NM_133730) Mouse Untagged Clone
Tag: Tag Free
Symbol: Krt25
Synonyms: 4631426H08Rik; Ka38; Krt25a; mIRSa1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018391 sequence for NM_133730
 CTAGTCTGACTCTCAAGAACACAGTTTCAGCGACACGCTTGCCTGAGATCATGTCTCTTCGCTTTCCAG
 TGGATCCAGGAGTCTATGCTCGCCCCAGCACAGGGTCGCTCAGGGGAGCCAGCTTCGGAGCTGGAAAT
 GCATGTGGCGTGGCAGGCATTGGAAGTGGCTTCTCCTGCGCTTCGGGGGCGAGCTCCACAGGAGGAAACA
 CGGGGGTGGCCAACTCCTGTGCTGGCTTACTGTGAATGAGGGGGGCTCCTCTCCGCAATGAGAAGGT
 GACCATGCAGAACCTTAATGACCGCTGGCTCTACCTGGACAACGTGCAAGCGCTGCAGGAGGCCAAC
 GCTGACCTGGAGCAGAAGATCAAGGGCTGGTATGAAAAATTTGGACCTGGGTCTGCCGCGTCTCGATC
 ATGACTACAGTAGATACTTCCCCATCATTGATGATCTAAAAAACAGATCATCACCTCCACCACCAGCAA
 CGCCAACGCTGTACTGCAGATTGACAATGCCAGGCTCACGGCTGATGACTTCAGACTCAAGTACGAAAAAC
 GAGCTGGCTCTCCACCAGAGCGTAGAGGCTGACGTCAACGGGCTGCGCAGAGTTCTGGATGAAATCACCC
 TGTGCCGACTGACCTGGAGATTCAGTACGAAACCTGAGCGAGGAGCTGACCTATCTCAAGAAGAACCA
 CAAAGAGGAAATGCAGGCTCTGCAGTGCCTGGTGGAGGCAACGTGAACGTGGAGATGAACGCAGCCCCG
 GCGTGGACCTCACCGTCTGCTGAACAACATGAGAGCTGAGTATGAGGCCCTGGCTGAGCAGAACCACA
 GGGACGCTGAGGCTGGTCCAAGAGAAGAGTGTCTCGCTGCAGCAGCAGATCACCGAGGACGTGGGTGC
 CACCACCTCAGCCAGGAATGAGCTCACCGAAATGAAGCGAACGCTCCAAACCTGGAGATTGAACTGCAG
 TCTCTCTGGCCACGAAACACTCTCTGGAGTGTCCCTGACGGAGACCGAGGGCAACTACTGCACGCAGC
 TGGCTCAGATCCAGGCTCAGATCAGCGCCTGGAGGAGCAGTGCACCAGGTGAGGACGGAGACCGAGGG
 CCAGAAGCTGGAATATGAGCAGCTGTGAATGTCAAGGCCACCTGGAGAAGGAGATCGAGACCTACTGC
 CTCTCATAGGAGGAGATGAAGGGGCTGTAAGTCTTCGAGTTACAAGTCTAAAGATTATGGATCTGGAA
 ACGCCGAAACCAATCAAAGATCCAGTCAAAGCCATAGTGGTTAAGAAGTTCTAGAGGAGGTGGATCA
 GCGCAGCAAGATACTGACCACTAGGCTCCACTCCCTGGAAGAGAAATCTCAAAGCAATTAGCAAAGATCA
 TGAGCAAAAGAAGAAGAAGAAAAGCTTCAAAGAAGACAAGGCATGCAATGTGTCTGGAAATGAGCAAGC
 CTATGGAAAAAAATGTCTGTCTGTTCTTCTGTTCTTTCTCTTCTGAGCCAGCAGCGGCAGAAC
 TCCCCGTCCATCTGGAGGGAAGTCACTTGCAAACGTGAGGGCTCACCTGATTACCCTACAGCCATCTGTC
 AGCATTCTTTACAGTCAATAAACCTTCTTGAGCAACTTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_133730
Insert Size:	1341 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:	<ol style="list-style-type: none">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:	BC018391 , AAH18391
RefSeq Size:	1665 bp
RefSeq ORF:	1341 bp
Locus ID:	70810
UniProt ID:	Q8VCW2
Cytogenetics:	11 D
Gene Summary:	Essential for the proper assembly of type I and type II keratin protein complexes and formation of keratin intermediate filaments in the inner root sheath (irs) (PubMed:14996088, PubMed:17920809). Plays a role in the cytoskeleton organization (By similarity). [UniProtKB/Swiss-Prot Function]