

Product datasheet for MC208849

Krt18 (NM_010664) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt18 (NM_010664) Mouse Untagged Clone
Tag: Tag Free
Symbol: Krt18
Synonyms: CK18; K18; Krt1-18
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208849 representing NM_010664
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTTCACAACCTCGCTCCACCCTTCTCCACCAACTACCGGTCCCTGGGCTCTGTGCGAACTCCCA
 GCCAGCGGGTCCGGCCTGCCAGCAGCGCAGCCAGCGTCTATGCAGGTGCTGGGGCTCCGGTCCGGAT
 ATCCGTGTCCCGCTCTGTCTGGGGTGGCTCTGTGGGGTCCGAGGCTGGCGGGAATGGGTGGAATCCAG
 ACCGAGAAGGAGACCATGCAAGACCTGAACGATCGCCTGGCCAGCTACCTAGACAAGGTGAAGAGCCTGG
 AAAGTGAAGACAGGAGACTGGAGAGCAAAATCCGGGAACATCTGGAGAAGAAGGGGCCCCAGGGCGTCAG
 AGACTGGGGCCACTACTTCAAGATCATCGAAGACCTGAGGGCTCAGATCTTTGCGAATTCTGTGGACAAT
 GCCCGCATCGTCTTGAGATCGACAATGCCCGCCTTGCCGCCGATGACTTTAGAGTCAAGTATGAGACAG
 AACTAGCCATGCGCCAGTCTGTGGAGAGCGACATCCATGGACTCCGCAAGGTGGTATGACACCAACAT
 CACAAGGCTGCAGCTGGAGACAGAAATCGAGGCACTCAAGGAAGAAGTCTGTTCATGAAGAAGAATCAT
 GAAGAGGAAGTCCAAGGTCTGGAAGCCAGATTGCCAGCTTGGATTGACTGTGGAAGTGGATGCCCCCA
 AATCTCAGGACCTCAGCAAGATCATGGCGGACATCCGCGCCAGTATGAAGCGCTGGCTCAGAAGAACC
 CGAGGAACTGGACAAGTACTGGTCTCAGCAGATTGAGGAGAGTACCACAGTTGTACCACCAAGTCTGCC
 GAAATCAGGGACGCTGAGACCACACTCACGGAGCTGAGACGCACCTCCAGACCTTGAGATTGACTTGG
 ACTCCATGAAAAACCAGAACATCAACTTGGAGAACAGCCTCGGGGATGTGGAGGCCCGATACAAGGCACA
 GATGGAGCAGCTCAATGGGGTCTTCTGCATCTGGAGTCAAGCTGGCACAACCTCGGGCAGAGGGCCAG
 CGCCAGGCCAGGAATATGAAGCCCTTGAACATCAAGGTGAAGCTTGAGGCAGAGATTGCCACCTACC
 GCCGCTTGTGGAGGATGGAGAAGATTTAGTCTCAACGATGCCCTGGACTCCAGCAACTCCATGCAAA
 TGTGCAGAAGACAACCTACCCGTAAGATCGTGGATGGCAGAGTGGTGTCCGAGACTAATGACACCAGATT
 CTGAGGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010664
Insert Size:	1272 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:	<u>NM_010664.2</u> , <u>NP_034794.2</u>
RefSeq Size:	1400 bp
RefSeq ORF:	1272 bp
Locus ID:	16668
UniProt ID:	<u>P05784</u>
Cytogenetics:	15 57.22 cM
Gene Summary:	When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.[UniProtKB/Swiss-Prot Function]