

Product datasheet for **MC206691**

Uhmk1 (BC058732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uhmk1 (BC058732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uhmk1
Synonyms:	4732477C12Rik; 4930500M09Rik; AA673513; AI449218; AU021979; C820018A03Rik; KIS; Kist; OTTMUSG00000021542; P-CIP2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058732
 GGTGTCATGGCGGCTGAGGTCCGGGGAGTCGGTCCGAGCGCTGCAGGCCCTCCCTGCGGAGCGGCGGG
 TCCGGGCGGGGATGTGACGGCGGGCGCCGCGGGCTGCCTGGCGCGTCTGTGCGGCTCGCGTGTCTCTCGG
 CCCAGCCCGCACCATGGCGGGTCCGGCTGCGCGTGGGGCGCCGAGCCGCGCGCTTCTGGAGGCCTTC
 GGGCGGCTGTGGCAGGTCCAGAGCCGCTGGGCAGCGGCTCGTCCGGCTCGGTGTACCGGTGCGGTGCT
 GCGGTACCCCGGGCTCGCCCCCGGCCCTCAAGCAGTTCCTGCCTCCGGGAACCACCGGGTGCGGC
 CTCGGCCGCGGAGTATGGTTCCGCAAAGAGAGGGCGCGCTGGAGCAGTTGCAGGTCACAGGAACATC
 GTGACTTTATATGGAGTCTTTACCATACACTTCTCTCCAATGTGCCATCACGCTGTCTGCTGCTTGAAC
 TCCTGGATGTCAGTGTTCGGAATTGCTTTTATATTCCAGTCATCAGGGCTGCTCCATGTGGATGATACA
 GCACTGTGCCGAGATGTTCTGGAGGCCCTCGCTTTTCTTACCATGAGGGCTACGTCCATGCAGACCTC
 AAACCACGAAACATCCTGTGGAGTGCAGGAGATGAGTGTTTAAGCTTATTGACTTTGGACTCAGCTTCA
 AAGAAGGCAATCAGGACGTAAAGTATATTCAGACAGACGGGTATCGCGCTCTGAAGCAGAGCTGCAGAA
 CTGCTTGGCCAGCCGGCTGCAGAGTGATACAGAATGTACCTCAGCTGTTGATCTGTGGAGCCTCGGA
 ATCATTACTGGAATGTTCTCAGGAATGAAGCTGAAACATACAGTCAGATCTCAGGAATGGAAGGCAA
 ACAGTTCTGCTATTATTGATCATATATTTGCCAGTAAAGCAGTGGTGAATGCCGCAATCCAGCCTATCA
 CCTCAGAGACCTTATCAAAGCATGCTTATGATGACCCGGGCAGAAATCCCTGCTGAGATGGCATTG
 TGCAGCCATTCTTTAGCATTCTTTTGCCTCATATTGAAGATCTGGTGTGCTTCCGACTCCAGTGC
 TCAGGCTCCTCAATGTGCTGGATGATGATTACCTTGAAGATGAAGATGAATGAAGATGTTGTAGAAGA
 TGTGAAAGAGGAGTGTGAGAAATATGGACCAGTGGTTTCTGCTTGTCCAAAGGAAAATCCTGGCAGA
 GGACAAGTCTTCGTTGAGTACGCGAACGCTGGTGAATCCAAAGCTGCTCAGAAAGTTGCTGACTGGGAGGA
 TGTTTGACGGGAAGTTTGTGTGGCTACATTCTACCCGCTGAGTGCTACAAGAGGGGATATCTTTATCA
 AACCTTGCTTTAATCAGTAACCTAAGGACTACTTCTGTTTCTCTCTTCCATTTCTTGGATTATTATAT
 TCCACAGCTGAATGCAGGAGCACCCCTTACCCATTTTAAAGGGTACCTGTACATTTAATTAATCCTAC
 TAATGTGCAGCCATTGCCAGACAGTGACTGCATTGCAAACATGGCACTGAGTAGGACCCGACCTCAG
 CTATACATTGAGGGGTTAGAGCACCCATGTGGCCACCCTTTATTTGTGAGTAGGGCAGGTGCTGCTCT
 TTAATATGTAACCTAAAAAGATGTCATTTATGATGATGAAGCAAAGATGAGTTGTTGTCATAGTAA
 AACTATTAACAAATTTGTTAGGGTTGGTGACATCACAGAATATTTGTTGATTGTCAGGTGTATCTCC
 TTGTTATTCTAGCTGGCACTGGATGCTCTAATAATGTTAAGTCATTGTCAAGCAGCAGTTACCTACCGTG
 TTCTTAACAATGAGTTGTGAATTTTCTAAAGGAGTACTGTAGGACTTAATTTCTCCGAAAGAACTGC
 AGTGAGCCTATCAATGTTTTTAAATTAATTAAGGCTTTTAAATAGAAAGCTGATGCTTGAAAAAAA AAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC058732

Insert Size: 1260 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: [BC058732](#), [AAH58732](#)

RefSeq Size: 2041 bp

RefSeq ORF: 1260 bp

Locus ID: 16589

Cytogenetics: 1 H3

Gene Summary: Upon serum stimulation, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. May be involved in trafficking and/or processing of RNA (By similarity).[UniProtKB/Swiss-Prot Function]