

Product datasheet for RN205723

Uhmk1 (NM_017293) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uhmk1 (NM_017293) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uhmk1
Synonyms:	KIS; Kist
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205723 representing NM_017293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGGGTCCGGCTGCGCGTGGGGCGCCGAGCCGCCGCGCTTCTGGAGGCCCTCGGGCGGCTGTGGC
AGGTACAGAGCCGCTAGGCAGCGGCTCCTCGGCTCGGTGTACCGGGTGCCTGCTGCGGCACTCCAGG
CTCGCCCCCGGGGCCCTCAAGCAGTTCCTGCCTCCGGGAACCACCGGGGCTGCCGCTCGGCTGCGGAG
TATGGTTTCCGAAAAGAGAGGGCAGCGCTGGAGCAGTTGCAGGGTACAGGAACATCGTGACTTTATACG
GAGTCTTTACCATACACTTCTCTCCAAATGTGCCATCACGCTGTCTGTTGCTTGAACCTCGGATGTCAG
CGTTTCGGAATTGCTTGTATATTCAGTCACCAGGGTTGCTCCATGTGGATGATCCAGCACTGTGCCAGA
GATGTCCTGGAGGCCCTTGCTTTTCTTACCATGAGGGCTATGTCCATGCAGACCTCAAGCCACGAAACA
TCCTGTGGAGTGCAGGAGAACGAGTGCTTTAAGCTTATTGACTTTGGACTCAGCTTCAAAGAAGGCAATCA
GGACGTGAAGTATATTCAGACAGCGGGTATCGAGCTCCTGAAGCAGAAGTGCAGAAATGCTTGGCCAG
GCCGGCTGCAGAGTGATACAGAGTGTACCTCAGCTGTTGATCTCTGGAGCCTTGGAAATCATTTACTGG
AAATGTTCTCAGGAATGAACTGAAACATACAGTCAGATCTCAGGAGTGAAGGCAAAACAGTTCTGCTAT
TATTGATCATATATTTGCCAGTAAAGCAGTGGTGAATGCCGAATTCAGCCTATCACCTCAGAGACCTT
ATCAAAAGCATGCTTCATGACGACCCAAGCAGAAGGATCCCTGCTGAGATGGCCTTGTGCAGCCATTCT
TTAGCATTCTTTGCCCTCATATTGAAGATCTGGTGTGCTTCCAACCTCAGTCTCAGACTCCTCAA
TGTGCTGGATGATGACTATCTTGAAAAATGAAGATGAATATGAAGATGTTGTAGAAGATGTAAAAGAAGAG
TGTGAGAAATATGGACCAGTGGTTTCTCTGCTTGTCCAAAGGAAAAATCCTGGCAGAGGACAAGTCTTTG
TTGAGTACGCAAACGCTGGAGATTCAAAGCTGCTCAGAAATGCTGACTGGGAGGATGTTTGACGGGAA
GTTTGTGTGGCTACATTCTACCCGCTGAGTGCCTACAAGAGGGGATATCTTTATCAAACCTTGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017293
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:	<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:	NM_017293.1 , NP_058989.1
RefSeq Size:	3244 bp
RefSeq ORF:	1260 bp
Locus ID:	246332
UniProt ID:	Q63285
Cytogenetics:	13q24
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]