

Product datasheet for **RC219023**

hnRNP K (HNRNPK) (NM_031263) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP K (HNRNPK) (NM_031263) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hnRNP K
Synonyms:	AUKS; CSBP; HNRPK; TUNP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC219023 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAACCTGAACAGCCAGAAGAAACCTTCCTAACACTGAAACCAATGGTGAATTTGGTAAACGCCCTG
 CAGAAGATATGGAAGAGGAACAAGCATTAAAAGATCTAGAAACACTGATGAGATGGTTGAATTACGCAT
 TCTGCTTCAGAGCAAGAATGCTGGGGCAGTGATTGGAAAAGGAGGCAAGAATATTAAGGCTCTCCGTACA
 GACTACAATGCCAGTGTTTCAGTCCCAGACAGCAGTGGCCCCGAGCGCATATTGAGTATCAGTGCTGATA
 TTGAAACAATTGGAGAAATCTGAAGAAAATCATCCCTACCTTGAAGAGGGCCTGCAGTTGCCATCACC
 CACTGCAACCAGCCAGCTCCCGCTCGAATCTGATGCTGTGGAATGCTTAAATTACCAACTATAAAGGA
 AGTGACTTTGACTGCGAGTTGAGGCTGTTGATTCATCAGAGTCTAGCAGGAGGAATTATTGGGGTCAAAG
 GTGCTAAAATCAAAGAACTTCGAGAGAACTCAAACCACCATCAAGCTTTCCAGGAATGCTGCTCTCA
 TTCCACTGACAGAGTTGTTCTTATTGGAGGAAAACCCGATAGGGTGTAGAGTGCATAAAGATCATCCTT
 GATCTTATATCTGAGTCTCCCATCAAAGGACGTGCACAGCCTTATGATCCCAATTTTACGATGAAACCT
 ATGATTATGGTGGTTTTACAATGATGTTTGATGACCGTCCGGACGCCAGTGGGATTTCCCATGCGGGG
 AAGAGGTGGTTTTGACAGAATGCCTCCTGGTCGGGGTGGGCGTCCCATGCCTCCATCTAGAAGAGATTAT
 GATGATATGAGCCCTCGTCGAGGACCACCTCCCCCTCCTCCCGGACGAGGCGGCCGGGTGGTAGCAGAG
 CTCGGAATCTTCTCTTCCACCACCACCACCTAGAGGGGGAGACCTCATGGCCTATGACAGAAGAGG
 GAGACCTGGAGACCGTTACGACGGCATGGTTGGTTTCAGTGCTGATGAACTTGGACTCTGCAATAGAT
 ACATGGAGCCCATCAGAATGGCAGATGGCTTATGAACCACAGGGTGGCTCCGGATATGATTATTCCTATG
 CAGGGGGTCGTGGCTCATATGGTGATCTTGGTGGACCTATTACTACACAAGTAACTATCCCAAAGA
 TTTGGCTGGATCTATTATTGGCAAAGGTGGTCAGCGGATTAACAATAATCCGTCATGAGTCGGGAGCTTCG
 ATCAAAATTGATGAGCCTTTAGAAGATCCGAAGATCGGATCATTACCATTACAGGAACACAGGACCAGA
 TACAGAATGCACAGTATTGCTGCAGAACAGTGTGAAGCAGTATGCAGATGTTGAAGATTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219023 protein sequence
 Red=Cloning site Green=Tags(s)

METEQPEETFPNTEINGEFGKRPAEDMEEEQAFKRSRNTDEMVELRILLQSKNAGAVIGKGGKNIKALRT
 DYNASVSPDSSGPERILSISADIETIGEILKKIIPBLEEGLQLPSPTATSQLPLESDAVECLNYQHYKG
 SDFDCELRLLIHQSLAGGIIGVKGAKIKELRENTQTIIKLFQECPPHSTDRVVLIGGKPDVVVCEIKIIL
 DLISESPIKGRAQPYDPNFYDETYDYGFTMMFDDRRGRPVGFPMRGRGGFDRMPPGRGGRPMPPSRDY
 DDMSPRRGPMPGRGGRGSRNLPLPPPPRGGDLMAYDRRGRPGDRYDGMVGFSADETWDSAID
 TWSPSEWQMAIEPQGGSGYDYSYAGGRGSYDLGGPIITQVTIPKDLAGSIIGKGGQRIKQIRHESGAS
 IKIDEPLGSEDRIITITGTQDQIQNAQYLLQNSVKQYADVEGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6384_a03.zip

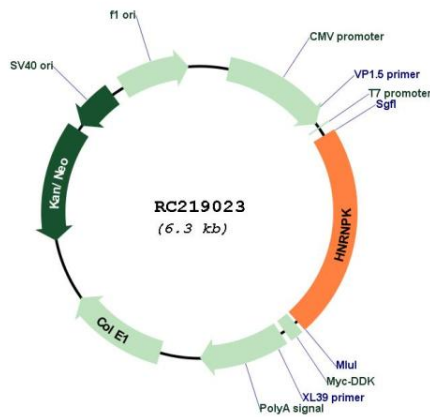
Restriction Sites:

Sgfl-Mlul

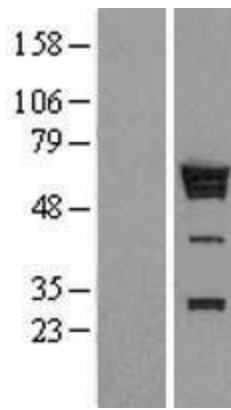
Domains: KH
Protein Pathways: Spliceosome
MW: 51 kDa

Gene Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progression. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq, Jul 2008]

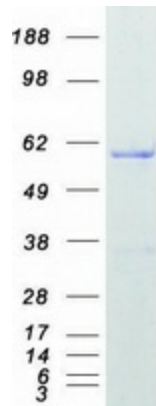
Product images:



Circular map for RC219023



Western blot validation of overexpression lysate (Cat# [LY410603]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219023 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified HNRNPK protein (Cat# [TP319023]). The protein was produced from HEK293T cells transfected with HNRNPK cDNA clone (Cat# RC219023) using MegaTran 2.0 (Cat# [TT210002]).