

Product datasheet for **RR206524**

Hnrnpk (NM_057141) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpk (NM_057141) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpk
Synonyms:	Csbp; Hnrpk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR206524 representing NM_057141
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGACCGAACAGCCAGAAGAAACCTTCCTAACACCGAAACCAATGGTGAATTTGGTAAACGCCTG
 CAGAAGATATGGAAGAGGAACAAGCCTTTAAAAGATCTAGAAATACTGATGAGATGGTTGAATTGCGCAT
 TTTGCTTCAGAGCAAGAATGCTGGGGCAGTGATTGGAAAAAGGAGGCAAGAATATTAAGGCTCTCCGTACA
 GACTACAATGCCAGTGTTTCAGTCCCAGACAGCAGTGGCCCCGAGCGCATACTGAGTATCAGTGCTGATA
 TTGAGACGATTGGAGAAATCTGAAGAAAATCATCCCTACTTTGGAAGAGGGCCTGCAGTTGCCATCACC
 CACTGCAACCAGCCAGCTCCCGCTCGAATCTGATGCTGTGGAATGCTTAAATTACCAGCATTATAAAGGG
 AGTGACTTCGACTGCGAGCTGAGACTGTTGATTCATCAAAGTCTGGCCGGAGGAATTATTGGTGTAAAG
 GTGCTAAAATCAAAGAACTTCGAGAAAACACTCAGACAACAATCAAGCTTTCCAGGAATGCTGCCCTCA
 TTCTACTGACAGAGTTGTTCTTATTGGAGGAAAGCCGATAGGGTTGTAGATGCATCAAGATCATCCTT
 GACCTTATATCTGAGTCTCCCATCAAAGGACGTGCACAACCTTATGATCCCAACTTCTATGATGAAACCT
 ATGATTATGGTGGTTTTACAATGATGTTTGATGACCGCCGAGGACGACCTGTGGGATTCCCATGCGGGG
 AAGAGGTGGTTTTGACAGAATGCCTCCTGGTCGGGGTGGGCGTCCCATGCCTCCTTCTAGAAGAGATTAT
 GATGATATGAGCCCTCGTCGAGGACCACCACCACCACCTGGTCGAGGTGGACGGGGTGGCAGCAGAG
 CTCGGAATCTTCTCTTCCACCACCACCACCAGAGGGGGAGATCTCATGGCTTACGACAGAAGAGG
 ACGGCCTGGAGACCGCTATGATGGCATGGTTGGGTTCAAGTGTGATAAACTGGGACTGTCAATTGAC
 ACATGGAGCCCATCAGAATGGCAAATGGCTTATGAACCACAGGGTGGTTCTGGATATGATTATTCTTATG
 CAGGGGGCCGTGGCTCGTATGGTGATCTTGGCGGACCTATTACTACACAAGTAACTTCCCAAAGA
 TTTGGCTGGATCTATTATTGGCAAAGGTGGTCAGCGGATTAACAAATTGTCATGAGTCTGGAGCATCT
 ATCAAATTTGATGAACCTTTAGAAGATCTGAAGATCGGATCATTACCATTACGGGAACACAGGACCAGA
 TACAGAACGCACAGTATTTGCTGCAGAACAGTGTGAAGCAGTATTCTGAAAAGTTTTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206524 representing NM_057141
 Red=Cloning site Green=Tags(s)

METEQPEETFPNTETNGEFGKRPAEDMEEEQAFKRSRNTDEMVELRILLQSKNAGAVIGKGGKNIKALRT
 DYNASVSPDSSGPERILSISADIETIGEILKKIIPLEELQLPSPTATSQLPLESDAVECLNYQHYKG
 SDFDCELRLLIHQSLAGGIIGVKGAKIKELRENTQTTIKLFQECCPHSTDRVVLIGGKPDVVECIKIIIL
 DLISESPIKGRAQPYDPNFYDETYDYGFTMMFDDRRGRPVGFPMRGRGGFDRMPPGRGGRMPSPRRDY
 DDMSPRRGPPPPPPGRGGRGSRARNLPLPPPPPRGGDL MAYDRRGRPGDRYDGMVGFSADETWDSAID
 TWSPSEWQMAYEPQGGSGYDYSYAGGRGSYDLDGGPIITQVTIPKDLAGSIIGKGGQRIKQIRHESGAS
 IKIDEPLEGSEDRIITITGTQDQIQNAQYLLQNSVKQYSKFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

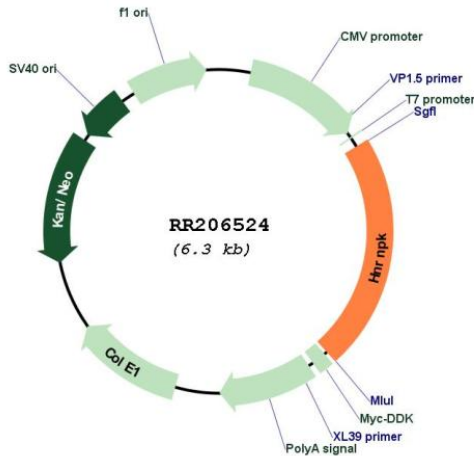
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_057141

ORF Size: 1389 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_057141.1](#), [NP_476482.1](#)

RefSeq Size: 2563 bp

RefSeq ORF: 1392 bp

Locus ID: 117282

UniProt ID: [P61980](#)

Cytogenetics: 17p14

MW: 51 kDa

Gene Summary: DNA and pre-mRNA binding protein, binds primarily with cytidine-rich (poly-C) sequences [RGD, Feb 2006]