

Product datasheet for **RR204490**

Hipk3 (NM_031787) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hipk3 (NM_031787) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hipk3
Synonyms: ANPK
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204490 representing NM_031787
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCACAAGTCTTGGTCTACCCACCATATGTTTATCAAACCTCAGTCAAGTGCCTTTTGTAGTGTGA
AGAAACTGAAAGTAGAGCCAGCGGTTGTGTTTCCAGGAAAGAGCCTGCCCTCAGATCCATGTGAATGG
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CCTCGAGGACACAGCTTTTCACTGCAGGCAGGGGCCATTGTTGTCAAAGACACTGCCGGTGTACAAAGG
TCATAGCAGCTCAGGCGCAGCAGGCTGGAGTGGAGGCACCTCGGGCCGTGGTGTGGAGAAACAGGCTACA
TTTCTAGGAGGTCCCCAGCGATGCGGGTTAAAGCGCAAGAGTGAGGAGTTGGATAATCACAGCGGCGCG
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TTGTGACAGCGACCACAGGATCGAAACAGAAGTGTACCAGTGGGGAAGGTGACTATCAGTTAGTGCAGCA
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GTTGTTAAATGCTGGAAGAGAGGGACAAATGAAATTTAGCCATTAATAATTTGAAGAATCACCTTCGT
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CTTTGTGCGAGCCTATGAGTGTCCAGCACCGCAACCATACCTGCCTGGTCTTTGAGATGCTGGAGCAG
AACCTGTATGACTTCTGAAACAGAATAAATTCAGTCCCTTGCCCTAAAGGTGATCCGGCCCGTCTTTC
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CAAGGTATCCCCGAGCACATGGTAAGCCACCAGTATTCCATAAGGGTGGACAACACAGTTCGGCTTG
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CTGGAAGCTGAACCAGCCCTCTGCCTCGGCTGCTCGTCAGCAAAGCCACATCAGCATTCCAGCAGCA
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CCTATGTTACAGCATCCAATTATAATATCTCCCATCCCAGTGGCATAGTTCACCAAGTCCCCGTGGGCA
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ATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204490 representing NM_031787
 Red=Cloning site Green=Tags(s)

MASQVLVYPPYVYQTQSSAFCSVKLKVESGCVFQERACPQIHVNGRHFGNPLPSTKGSFAFQTKIPFSK
 PRGHSFSLQAGAI VVKDTAGATK VIAAQAQQAGVEAPRAVVWRNLHFLGGPQRCGLKRRKSEELDNHSGA
 MQIVDELSILPAMLQTNMGNPVT VVTATTGSKQNTSGEGDYQLVQHEVLCSVKNTYEVLDLGRGTFGQ
 VVKCWKRGTNEI VAIKILKNHPSYARQQQIEVSI LARLSTENADEYNFVRAYECFQHRNHTCLVFEMLEQ
 NLYDFLQKNKFSPLPLKVI R PVLQQVATALKKLSLGLIHADLKPENIMLVDPVRQPYRVKVIDFGSASH
 VSKTVCSTYLQSRYYRAPEI I LGLPFCEAIDMWSLGCVIAELFLGWPLYPGALEYDQIRYISQTQGLPGE
 QLLNVGTKSTRFFCRETDMSHSGWRLKLEEHEAETGMKSKEARKYIFNSLDDIVHVNTVMDLEGSDLLA
 EKADRREFVSLKMLLIDADLRITPIETLNHPFVSMKHLDFPHSSHVKSCFHIMDICKSPSSCETNNH
 SKMSLLRPVANSNGTAALANFTKVGTLRSQALTTSAHSVHGIPLQAGTAQFGCGDAFHQTLLIICPPAI
 QGIPAAHGKPTSYSIRVDNTVPLVTQAPAVQLQIRPGVLSQTWSGRTQQMLIPAWQVTPMAPAAATLT
 SEGMAGSQRLGDWGMIPHNSNHYSVMPPPLL TNQITLSAPQPI SVGIAHVVPQPATTKKNKLCQNRSN
 SLQNTNVPHSAFISPKIISGKEVEEVSCVETQDNHTSEGEARTCHEASVRQDSSVSDKQRQTII IADSPS
 PAVSVITISSDTDEETSPRPSLRECKGSLDCEACQSTLNIDRMCSLSSPDSTLSTSSSQSSPSPCKRP
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 RRQQAYIPTSVTSNPFTLSHGSPNHTAVHAHLAGSAHLGGQPTLLPYPPSTALSSAAPVAHLLASPECTSR
 PMLQHPTYNI SHPSGIVHQVPVGINRLLPSPTIHQTQYKIPFPHSYIAASPAYTGFP LSPTKLSQYPY
 M

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

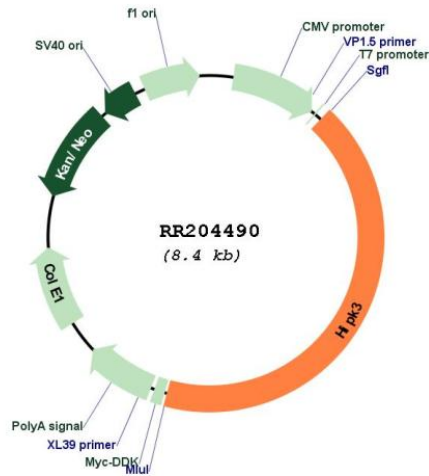
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_031787

ORF Size: 3573 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_031787.1](#), [NP_113975.1](#)

RefSeq Size: 4120 bp

RefSeq ORF: 3576 bp

Locus ID: 83617

UniProt ID: [O88850](#)

Cytogenetics: 3q32

MW: 129.7 kDa

Gene Summary: binds the zinc finger region of the androgen receptor; may play a role in regulation of androgen receptor function [RGD, Feb 2006]