

Product datasheet for RN213998

Hipk2 (NM_001108622) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hipk2 (NM_001108622) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hipk2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213998 representing NM_001108622 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGCCCCGTGTACGAAGGTATGGCCTCACATGTGCAAGTTTTCTCCCCTCACACCCTCAATCAAGTG
CCTTCTGTAGTGTGAAGAACTAAAAGTAGAGCCAAGTTCCAACCTGGGACATGACTGGGTACGGCTCCCA
CAGCAAAGTGTACAGCCAGAGCAAGAACATACCACCTTCTCAGCCAGCCTCCACAACCGTCAGCACCTCC
TTGCCAATCCCAAACCCAAGCCTACCTTACGAGCAGACCATCATCTTCCAGGAAGTACTGGACACATAG
TTGTAACATCAGCAAGTAGCACTTCTGTACCCGGCAAGTCTCGGTGGACCACATAACCTAATGGTCTG
AAGCACTGTGAGCCTCCTTGACACCTACAAAAATGTGGACTCAAGCGCAAGAGTGAGGAGATTGAGAAC
ACAAGCAGCGTGCAGATCATTGAGGAGCATCCACCATGATTGAGAATAATGCCAGCGGGGCCACTGTGCG
CCTACTGCCACCACATCCACTGCCACCTCCAAAAACAGTGGCTCCAACAGTGAAGGTGACTATCAGCTGGT
GCAGCATGAAGTGTGCTCTATGACAAAACCTATGAGGTTTTAGAGTTCTTGGGGCAGGGACATTT
GGGCAAGTGGTCAAGTGTGAAACGGGGCACCATGAAATTGTGGCCATTAAGATCCTAAAGAACCACC
CATCCTATGCCCGCAAGGCCAGATTGAAGTGAAGTCACTCCGCGGCTGAGCACGGAGAGCGCTGATGA
CTACAATTTGTGCGGGCTATGAGTGCTTCCAGCACAAGAATCACACATGCTTAGTCTTTGAGATGTTG
GAGCAGAACCCTATGACTTTCTGAAACAGAACAAGTTTAGTCCCTTGCCCTCAAGTATATTCGCCCAG
TCCTCCAGCAGGTAGCCACAGCCCTGATGAAACTCAAAAGCCTGGGTCTTATCCATGCTGACCTCAAACC
AGAAAACATCATGCTGGTGGATCCATCCAGACAACCATACCGAGTGAAGGTCACTTGGTTGAGTCACT
AGTCATGTGTCCAAAGCTGTCTGTTCTACGTACTTGAATCCAGATACTACAGGGCCCTGAAATCATCC
TTGGTTTGCCATTCTGTGAGGCAATTGACATGTGGTCCCTGGGTGTGTGTCATTGCTGAGCTGTTCTGGG
CTGGCCATTATACCCAGGTGCTTCTGAGTATGATCAGATTCGGTATATTTCAAAAACACAGGGTTTACCA
GCTGAATATTTAAGTGCAGGACAAAGACAAGTATTTTCAACCGTGACACAGATCACCAGTATC
CTTTGTGAGGTTAAAGACACCAGATGACCATGAAGCAGAGACGGGATTAATCAAAAAGAAAGCAAGAAA
GTACATTTTCAACTGTTTGGATGACATGGCCAGGTGAACATGACAACAGATTTGGAAGGGAGTGACATG
TTAGTAGAGAAGGCAGACCGCGGGAGTTCATTGACCTGTTAAAGAAGATGCTGACCATAGATGCTGATA
AGAGGATCACTCCATTGAAACTCTGAACCACCCTTTGTACCATGACGCACCTACTGGATTTTCTCA
TAGTACTCATGTCAAATCTGTTTCCAAAACATGGAGATTTGCAAGCGCCGGTGAATATGTATGACACA



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GTGAACCAGAGCAAAACACCTTTTCATCACACATGTGGCCCCAGCACATCTACCAACTTGACCATGACCT
 TTAACAACAGCTGACCACTGTCCACAACCAGGCTCCCACCTCCACCAGTGCCACTCTTTCTTAGCCAA
 TCCCGAAGTCTCCATACTAAACTACCAATCTACACTCTACCAGCCCTCAGCGGCATCCATGGCCGAGTG
 GCCCAGCGGAGCATGCCCTGCAGACGGGAACAGCCAAATTTGTGCCCGGCTGACCCTTTCCAGCAAG
 CTCTCATCGTGTGTCCCCTGGCTTCCAAGGCCTGCAGGCCTCTCCCTCCAAGCACGCTGGCTACTCAGT
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 GGTGGCTACCCACACATCCGTACAGCAGCAGCTGTGATTCCCGAGACCATGGCAGGCATCAGCAACT
 GGCTGACTGGAGAAACACACATGCTCACGGAAGCCATTACAATCCCATCATGCAGCAGCCTGCACCTTG
 ACTGGTATGTGACCCTTCCAGCTGCCAGCCCTTAAATGTGGGTGTAGCCACGTGATGAGACAGCAAC
 CAACCAGCACCTCCTCCAGGAAGAGTAAGCAGCACCATCATCAGCGAGAAATGTCTCCACCTGTGA
 AGTGACCTCTTCCAGGCTATCAGCTCCCCTCAGCGATCCAAGCGTGTCAAGGAGAACACTCCCCGAGG
 TGTGCAATGGTACACAGCAGCCAGCTTGACGACCTCACTCACCTGTGGGTGGGTGACGGGCCCTCCA
 GCACCACCGGGACCGACAGCGGACAGCATTGTCATCCCGACACCCCGAGCCACAGTCAGTGTGAT
 CACCATCAGCAGCGACACAGATGAGGAGGAGAACAGAAGCAGCCCCACCAGCACAGTCTCCAAGCAA
 AGAAAAATGTATCAGCTGTGTACAGTCCATGATTCTCCCTACTCTGACTCCTCCAGCAACACCAGCC
 CCTACTCGGTGCAGCAGCGCACAGGGCACAACGGCACCAACACCTTGGACACCAAGGGGGCCTAGAGAA
 CCACTGCACCGGCAACCCCGCACCATCATCGTACCCCACTGAAGACGCAGGCCAGTGAAGTGTGGTA
 GAATGTGACAGCCTAGGGCCAGCAATCAGTACCGGTACCATTCCTCCTTCAAGTCCAAGTCTCCCA
 GCACCGTGACCTCCACAGTGGCCACTTTCAGGGAGCTCGTCAGGAGCCATCGCTACCGTCAACAGCG
 GCCAGGCCCCACTTCCAGCAGCAGCAGCCCTCAATCTCAGCCAGGCTCAGCAGCATGGCTGCAGAC
 CGCACTGGGAGTACCGTCCGACAGGCTACATCACTCCTACCATGGCTCAGGCTCCGTACACCTTCC
 CGCAGCAGCCCCAGCCATGGCACTGTTCAACCCCACTGGCTGCGGCTGCCACCTCCCTGCCAGCC
 TCACCTCTACACCTACACAGCGCCACAGCCCTAGGCTCCACCAGCACTGTAGCCACCTGGTGGCATCC
 CAAGGCTCAGCACGACACACCGTGCAGCAGTGCCTATCCGGCCAGCATCGTCCACCAGTCCCGTGA
 GCATGGGGCCCGGGTCTGCCCTCGCCACCATTACCCAGTCAGTATCCGGCCAGTTTGCCACCA
 GACCTATATCAGCGCCTCGCCAGCCTCCACCGTCTACACTGGATATCCACTGAGTCTGCCAAGGTCAAC
 CAATACCCTTACATA**TAA**

ACGGTACGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108622

Insert Size:

3588 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: [NM_001108622.1](#), [NP_001102092.1](#)

RefSeq Size: 4851 bp

RefSeq ORF: 3588 bp

Locus ID: 362342

Cytogenetics: 4q22