

Product datasheet for **SC210208**

HIPK3 (NM_001048200) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HIPK3 (NM_001048200) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HIPK3
Synonyms:	DYRK6; FIST3; PKY; YAK1
ACCN:	NM_001048200
Insert Size:	2000 bp



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Insert Sequence: >SC210208 3'UTR clone of NM_001048200
 The sequence shown below is from the reference sequence of NM_001048200. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAAAACCTCAGCCAGTATCCATATATGTGAAAAACAGTATATTGGGGAAGCTCAATGATACAACATTT
GATTAATAAATAAAACATGGTATTTAATATTAGCCATGGCACAAGAAAATTATTTTTGAATCATGTAGA
CTTGGGTGCAATTTAAACAACCTTTGAGCTTTAAAAACTCACTTTTGATGTGTTTTGCACATTTGGTATA
ACTTGTCTTTGGTCATGTATCTTCTTATGTAGTAAGTCTAGACAGGTGACTTATGGGAGCAGAAGTCC
AGTTTTGCTCCTGCTATTTTTTATAAATGCCTTCTAACTAGTGAAGACACGTCTACATTTGGGAAGC
CATTCTGTGTACAGACTTAGAGCAACAGATGCACATATGCAGAATTACAGCATAACAAGTGAATTGTAT
TATCCGTGCTTAGTGTATAAATGTTGGGTCACCTACCTAAGAAATTGAGCTATTGTTCTTTACATTTG
CATGTGCTTTTTGCATGGGCAAAATGTTGCCTAGACTTTGCTCTTAAATGTTGTTCTAATAATCTCAGC
TGCATTGTAAACCGTTCCCTACACATAGTGCCTTAAATATTTGAGGTTGTTAATGTTATTACCTATATAT
AAATGTTGAGGACTGCAGCACTTAAATTCAGACCTACTATTTAGTTTCTTTTGATAGCGTAATGTTT
ATTTTTGTTTTGTGTGGTATGATTTTCAGGTAGTAGCTGTTTTTTTCTTATTAAGAGGGCAGCATGTT
TGCTATAGCTGAATTCGCTGTCTGATTTTTTTCAGAAATGATCTAGCTTCAAGAAAAGCAAGCAGTTAGTA
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GAAAATAATTGCATTTGTTACTTTGGGGTGTGTTATTTGCATCAGTATTTTATCTCTATTAATGTTTGT
GCTCATCACTGCATATTAAAAAAAGTGGATGTATCAGTGAAGTAAATTTTTTATTTTCACTGGCA
TTGTAGACACTTGAGAAAGCTGTATCTTGCAGGCTTGACTTAACTTTTTTCTTAAAAATCTGGAATAT
AATCTTACAGCATTACTGGAATAAACAGTACAAAGCATTGGAGTGTAAAACCTCTAGATGTTTTGGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001048200.3](#)

Summary: Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors. The phosphorylation of NR5A1 activates SF1 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. In osteoblasts, supports transcription activation: phosphorylates RUNX2 that synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE).[UniProtKB/Swiss-Prot Function]

Locus ID: 10114

MW: 78.5