

Product datasheet for **RC226348**

HIPK2 (NM_001113239) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HIPK2 (NM_001113239) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: HIPK2
Synonyms: PRO0593
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC226348 representing NM_001113239
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGGATCGCC**

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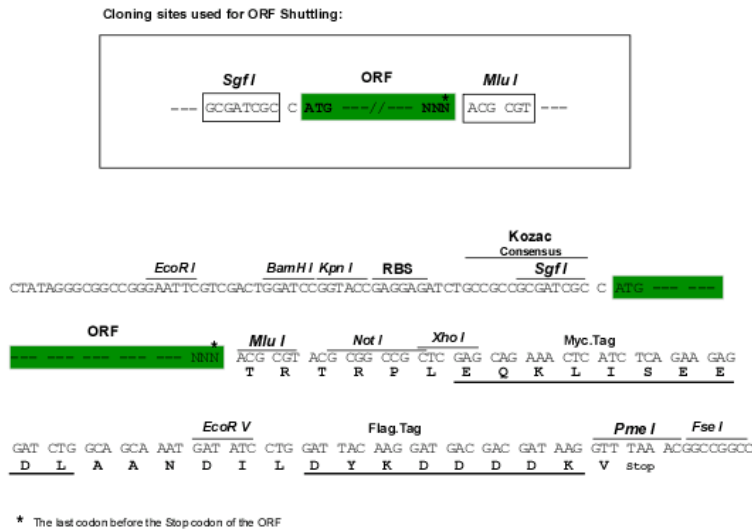
Protein Sequence: >RC226348 representing NM_001113239
 Red=Cloning site Green=Tags(s)

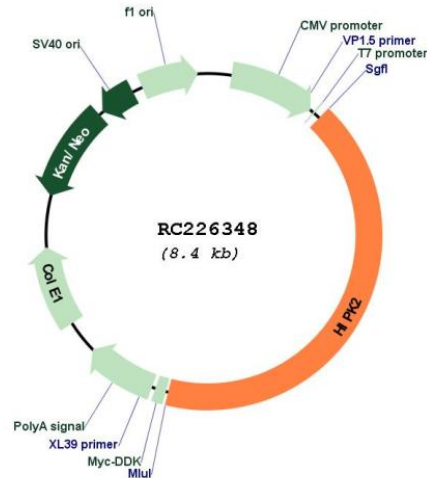
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001113239

ORF Size: 3513 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_001113239.3](#)

RefSeq Size: 15164 bp

RefSeq ORF: 3516 bp

Locus ID: 28996

UniProt ID: [Q9H2X6](#)

Cytogenetics: 7q34

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

MW: 128.2 kDa

Gene Summary: This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]