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Product datasheet for RC216108

HIPK1 (NM_198268) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIPK1 (NM_198268) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HIPK1
Synonyms:	Myak; Nbak2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

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>RC216108 representing NM_198268
Red=Cloning site Blue=ORF Green=Tags(s)

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GCCGCGATCGCC

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Protein Sequence:

>RC216108 representing NM_198268
Red=Cloning site Green=Tags(s)

MASQLQVFSPPSVSSSAFCSAKKLKIEPSGWDVSGQSSNDKYYTHSKTLPATQGQANSSHQVANFNIPAY
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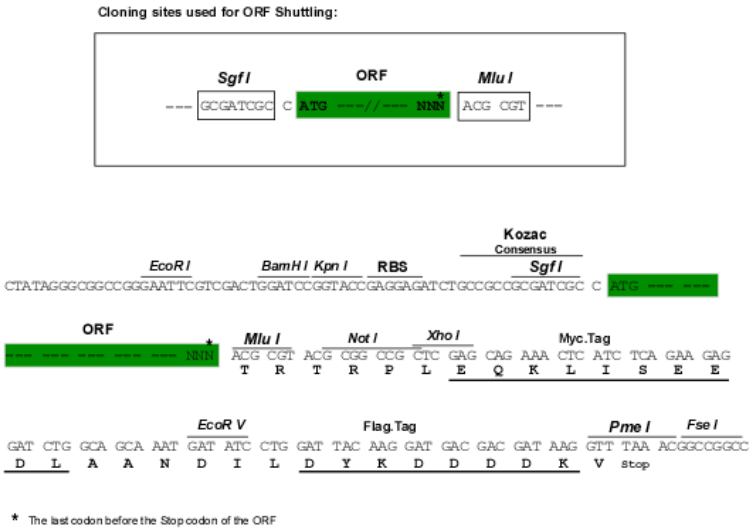
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198268

ORF Size: 3630 bp

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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_198268.3
RefSeq Size:	8155 bp
RefSeq ORF:	3633 bp
Locus ID:	204851
UniProt ID:	Q86Z02
Cytogenetics:	1p13.2
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors
MW:	130.8 kDa
Gene Summary:	The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms. [provided by RefSeq, Jul 2008]

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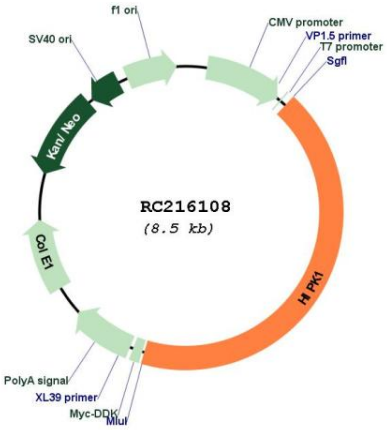
Product images:



Circular map for RC216108

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