

## Product datasheet for **RR204819**

### Hhex (NM\_024385) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hhex (NM_024385) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hhex
Synonyms:	Hex
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR204819 representing NM_024385 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGTTC**CCCGCACCCGGGCCCCGCGGCTGCGCCCGCCGTCGGAGTCCCGCTGTACGCGCCACGCCGC**  
TGCTGCAGCCCGCTCACCCGACGCCTTTCTACATCGACGACATCCTGGGTCGCGGGCCCGCCGCTCCAC  
GCCACTCCACGCTGCCGTCCCCAACTCCTCCTTACCAGCCTCGTGTCTCTACCGGACCCCGGTG  
TACGAGCCACGCGGTCCACCCCGCTTCTCGCATACCCCGCCGCGCTGGCCGCTGCCTATGGCC  
CCGGTGGCTTCGGAGGCCCTCTGTACCCGTTCCCGCGGACGGTGAACGACTACACGCACGCCCTACTCCG  
CCACGACCCCTGGGCAAGCCCTTGCTCTGGAACCCCTTCTACAGCGACCTCTGCACAAAAGGAAAGGC  
GGTCAAGTGAGGTTTTCCAACGACCAGACCATCGAGCTGGAGAAGAAGTTCGAGACTCAGAAATACCTCT  
CCCCACCTGAGAGAAAGCGTCTGGCCAAGATGTTGCAGCTCAGCGAGAGACAGGTCAAAACCTGGTTTCA  
GAATCGCAGAGCTAAATGGAGACGACTGAAGCAGGAGAATCCTCAAAGCAATAAAAGGATGAGTTGGAC  
AGTTTGGACACTTCTGTGACCAGGCCAAGACTTGCCAGTGAACAGAATAAAGGTGCCTTTGGACA  
GTTCTCAGTGTTACCCCTCCCAGCCTCTCCGGAAGACCTGAATCAGAGATCTCAGAGGATTCGGACCA  
GGAAGTGACATCGAGGGTGATAAAGGCTATTTAATGCTGGA

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR204819 representing NM\_024385  
Red=Cloning site Green=Tags(s)

MQFPHPGPAAAPAVGVPLYAPTPLLQPAHPTPFYIDDILGRGPAAPTPTPTLSPNSSTSLVSSYRTPV  
 YEPTPVHPAF SHHPAAALAAAYGPGFGGPLYFPRTVNDYTHALLRHDPLGKPLLWNPFLQRPLHKRKG  
 GQVRF SNDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLLKQENPQSNKKDEL  
 SLDTSCDQGDLPSEQNKGASLDSSQCSPSPASPEDPESEISEDSDQEV DIEGDKGYFNAG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_024385

**ORF Size:** 813 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\\_024385.1](#), [NP\\_077361.1](#)

**RefSeq Size:** 1603 bp

**RefSeq ORF:** 816 bp

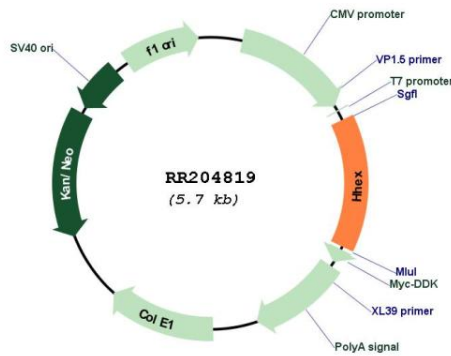
**Locus ID:** 79237

**Cytogenetics:** 1q53

**MW:** 30 kDa

**Gene Summary:** may act as a transcriptional repressor during viseral endoderm development [RGD, Feb 2006]

**Product images:**



Circular map for RR204819