

HHEX cDNA

Catalog Number: ATGD0109

PRODUCT INFORMATION

Catalog number

ATGD0109

Product type

cDNA

Species

Human

NCBI Accession No.

NP_002720.1

Alternative Names

HEX, HMPH, HOX11L-PEN, PRH, PRHX

mRNA Refseq

NM_002729.4

OMIM

604420

Chromosome location

10q23.33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

813bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

HHEX cDNA

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HHEX encodes a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation.

DATA

Sequence nucleotides

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ATGCAGTACCCGCACCCCGGGCCGGCGGGCGCCGTGGGGGTGCCGCTGTACGCGCCACGCCGCTGCTGCAACCCG
CACACCCGACGCCCTTTTACATCGAGGACATCCTGGGCCGCGGGCCCGCCGCGCCACGCCCGCCCCACGCTGCCGTCC
CCCAACTCCTCCTTCACCAGCCTCGTGTCCCCCTACCGGACCCCGGTGTACGAGCCACGCCGATCCATCCAGCCTTCTCGC
ACCACTCCGCCGCCGCGCTGGCCGCTGCCTACGGACCCGGCGGCTTCGGGGGCCCTCTGTACCCCTTCCCGCGGACGGTG
AACGACTACACGCACGCCCTGCTCCGCCACGACCCCTGGGCAAACCTCTACTCTGGAGCCCCTTCTTGACAGAGGCCTCTG
CATAAAAGGAAAGGCGGCCAGGTGAGATTCTCCAACGACCAGACCATCGAGCTGGAGAAGAAATTCGAGACGCAGAAATAT
CTCTCTCCGCCCGAGAGGAAGCGTCTGGCCAAGATGCTGCAGCTCAGCGAGAGACAGGTCAAACCTGGTTTCAGAATCGA
CGCGCTAAATGGAGGAGACTAAAACAGGAGAACCTCAAAGCAATAAAAAAGAAGAACTGGAAAGTTTGGACAGTTCCTGT
GATCAGAGGCAAGATTTGCCAGTGAACAGAATAAAGGTGCTTCTTTGGATAGCTCTCAATGTTTCGCCCTCCCCTGCCTCCC
AGGAAGACCTTGAATCAGAGATTTAGAGGATTCTGATCAGGAAGTGGACATTGAGGGCGATAAAAGCTATTTTAATGCTG
GATGA
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Transaction Sequence

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MQYPHPGPAA GAVGVPLYAP TPLLQPAHPT PFYIEDILGR GPAAPTPAPT LPSPNSSFTS LVSPYRTPVY EPTPIHPAFS
HHSAAAALAAA YPGGGFGGPL YPFPRTVNDY THALLRHDPL GKPLLWSPFL QRPLHKRKGQ QVRFSDNQTI ELEKKFETQK
YLSPPERKRL AKMLQLSERQ VKTWFQNRRA KWRRLKQENP QSNKKEELES LDSSCDQRQD LPSEQNKGAS LDSSQCSPSP
ASQEDLESEI SEDSDQEVDI EGDKSYFNAG
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