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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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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

ATGCAGTACCCGCACCCCGGGCCGGCGGCGGGCGCCGTGGGGGTGCCGCTGTACGCGCCCACGCCGCTGCTGCAACCCG
CACACCCGACGCCCTTTTACATCGAGGACATCCTGGGCCGCGGGCCCGCCGCGCCCACGCCCGCCCCCACGCTGCCGTCC
CCCAACTCCTCCTTCACCAGCCTCGTGTCCCCCTACCGGACCCCGGTGTACGAGCCCACGCCGATCCATCCAGCCTTCTCGC
ACCACTCCGCCGCCGCGCTGGCCGCTGCCTACGGACCCGGCGGCTTCGGGGGCCCTCTGTACCCCTTCCCGCGGACGGTG
AACGACTACACGCACGCCCTGCTCCGCCACGACCCCCTGGGCAAACCTCTACTCTGGAGCCCCTTCTTGCAGAGGCCTCTG
CATAAAAGGAAAGGCGGCCAGGTGAGATTCTCCAACGACCAGACCATCGAGCTGGAGAAGAAATTCGAGACGCAGAAATAT
CTCTCTCCGCCCGAGAGGAAGCGTCTGGCCAAGATGCTGCAGCTCAGCGAGAGACAGGTCAAAACCTGGTTTCAGAATCGA
CGCGCTAAATGGAGGAGACTAAAACAGGAGAACCCTCAAAGCAATAAAAAAGAAGAACTGGAAAGTTTGGACAGTTCCTGT
GATCAGAGGCAAGATTTGCCCAGTGAACAGAATAAAGGTGCTTCTTTGGATAGCTCTCAATGTTCGCCCTCCCCTGCCTCCC
AGGAAGACCTTGAATCAGAGATTTCAGAGGATTCTGATCAGGAAGTGGACATTGAGGGCGATAAAAGCTATTTTAATGCTG
GATGA

Transaction Sequence

MQYPHPGPAA GAVGVPLYAP TPLLQPAHPT PFYIEDILGR GPAAPTPAPT LPSPNSSFTS LVSPYRTPVY EPTPIHPAFS
HHSAAALAAA YGPGGFGGPL YPFPRTVNDY THALLRHDPL GKPLLWSPFL QRPLHKRKGG QVRFSNDQTI ELEKKFETQK
YLSPPERKRL AKMLQLSERQ VKTWFQNRRA KWRRLKQENP QSNKKEELES LDSSCDQRQD LPSEQNKGAS LDSSQCSPSP
ASQEDLESEI SEDSDQEVDI EGDKSYFNAG