

KLF7 cDNA

Catalog Number: ATGD0490

PRODUCT INFORMATION

Catalog number

ATGD0490

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003700.1

Alternative Names

UKLF

mRNA Refseq

NM_003709.2

OMIM

604865

Chromosome location

2q32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

909bp

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

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KLF7 is a member of the Kruppel-like transcriptional regulator family. Members in this family regulate cell proliferation, differentiation and survival and contain three C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. A pseudogene of KLF7 is located on the long arm of chromosome 3. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

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ATGGACGTGTTGGCTAGTTATAGTATATTCCAGGAGCTACAACTTGTCCACGACACCGGCTACTTCTCAGCTTTACCATCCCT
GGAGGAGACCTGGCAGCAGACATGCCTTGAATTGGAACGCTACCTACAGACGGAGCCCCGGAGGATCTCAGAGACCTTTG
GTGAGGACTTGGACTGTTTCCTCCACGCTTCCCCTCCCCCGTGCATTGAGGAAAGCTTCCGTCGCTTAGACCCCCTGCTGCT
CCCCGTGGAAGCGGCCATCTGTGAGAAGAGCTCGGCAGTGGACATCTTGCTCTCTCGGGACAAGTTGCTATCTGAGACCTG
CCTCAGCCTCCAGCCGGCCAGCTCTTCTCTAGACAGCTACACAGCCGTCAACCAGGCCAGCTCAACGCAGTGACCTCATT
AACGCCCCCATCGTCCCCTGAGCTCAGCCGCCATCTGGTCAAAACCTCACAACTCTCTCTGCCGTGGATGGCACGGTGAC
GTTGAAACTGGTGGCCAAGAAGGCTGCTCTCAGCTCCGTAAAGGTGGGAGGGGTCGCAACAGCTGCAGCAGCCGTGACGG
CTGCGGGGGCCGTTAAGAGTGGACAGAGCGACAGTGACCAAGGAGGGCTAGGGGCTGAAGCATGTCCCGAAAACAAGAA
GAGGGTTCACCGCTGTCAGTTTAACGGGTGCCGAAAGTTTATACAAAAGCTCCCACTTAAAGGCCACAGAGGACTCA
CACAGGTGAGAAGCCTTATAAGTGCTCATGGGAGGGATGTGAGTGGCGTTTTGCACGAAGCGATGAGCTCACGAGGCACT
ACAGGAAACACACAGGTGCAAAGCCCTTCAAATGCAACCACTGCGACAGGTGTTTTTCCAGGTCTGACCATCTTGCCCTCCA
CATGAAGAGACATATCTAA
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Transaction Sequence

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MDVLASYSIF QELQLVHDTG YFSALPSLEE TWQQTCLLE RYLQTEPRRI SETFGEDLDCFLHASPPPCI EESFRRLDPL
LLPVEAAICE KSSAVDILLS RDKLLSETCL SLQPASSSLDSYTAVNQAQL NAVTSLTPPS SPELSRHLVK TSQTL SAVDG
TVTLKLVAKK AALSSVKVGGVATAAAAVTA AGAVKSGQSD SDQGGGLGAEA CPENKKRVHR CQFNGCRKVY
TKSSHLKAHQRTHTGEKPYK CSWEGCEWRF ARSDELTRHY RKHTGAKPFK CNHCDFCFR SDHLALHMKRHI
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