

RFXANK cDNA

Catalog Number: ATGD0462

PRODUCT INFORMATION

Catalog number

ATGD0462

Product type

cDNA

Species

Human

NCBI Accession No.

NP_604389.1

Alternative Names

ANKRA1, BLS, F14150_1, RFX-B

mRNA Refseq

NM_134440.1

OMIM

603200

Chromosome location

19p12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

714bp

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

RFXANK cDNA

Catalog Number: ATGD0462

RFXANK, along with regulatory factor X-associated protein and regulatory factor-5, forms a complex that binds to the X box motif of certain It contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity.

DATA

Sequence nucleotides

```
ATGGAGCTTACCCAGCCTGCAGAAGACCTCATCCAGACCCAGCAGACCCCTGCCTCAGAACTTGGGGACCCTGAAGACCCC
GGAGAGGAGGCTGCAGATGGCTCAGACACTGTGGTCCTCAGTCTCTTTCCCTGCACCCCTGAGCCTGTGAATCCTGAACCG
GATGCCAGTGTTCCTCTCCACAGGGCAGCTCCCTGAAGCACTCCACCACTCTCACCAACCGGCAGCGAGGGAACGAGGTG
TCAGCTCTGCCGGCCACCCTAGACTGTGACAACCTCGTCAACAAGCCAGACGAGCGCGGCTTCACCCCCCTCATCTGGGCC
TCCGCCTTTGGAGAGATTGAGACCGTTCGCTTCCTGCTGGAGTGGGGTGCCGACCCCCACATCCTGGCAAAGAGCGAGA
GAGCGCCCTGTCGCTGGCCAGCACAGGCGGCTACACAGACATTGTGGGGCTGCTGCTGGAGCGTGACGTGGACATCAACA
TCTATGATTGGAATGGAGGGACGCCACTGCTGTACGCTGTGCGCGGGAACCACGTGAAATGCGTTGAGGCCTTGCTGGCC
CGAGGCGCTGACCTCACCACCGAAGCCGACTCTGGCTACACCCCGATGGACCTTGCCGTGGCCCTGGGATACCGGAAAGT
GCAACAGGTGATCGAGAACCACATCCTCAAGCTCTTCCAGAGCAACCTGGTGCCCGCTGACCCTGAGTGA
```

Transaction Sequence

```
MELTQPAEDL IQTQTPASE LGDPEDPGEE AADGSDTVVL SLPCTPEPV NPEPDASVSS PQGSSLKHST TLTNRQRGNE
VSALPATLDC DNLVNKPDER GFTPLIWASA FGEIETVRFL LEWGADPHIL AKERESALSL ASTGGYTDIV GLLLERDVDI
NIYDWNGGTP LLYAVRGNHV KCVEALLARG ADLTTEADSG YTPMDLAVAL GYRKVQQVIE NHILKLFQSN LVPADPE
```