

CRKL cDNA

Catalog Number: ATGD0212

PRODUCT INFORMATION

Catalog number

ATGD0212

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005198.1

Alternative Names

CRK like proto-oncogene, adaptor protein, V-crkl avian sarcoma virus CT10 oncogene homolog-like

mRNA Refseq

NM_005207.3

OMIM

602007

Chromosome location

22q11.21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

912bp

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 inserted Nde 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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CRKL encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.

DATA

Sequence nucleotides

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ATGTCCTCCGCCAGGTTTCGACTCCTCGGACCGCTCCGCCTGGTATATGGGGCCGGTGTCTCGCCAGGAGGCGCAGACCCG
GCTCCAGGGCCAGCGCCACGGTATGTTCTCGTCCGCGATTCTTCCACCTGCCCTGGGGACTATGTGCTGTCCGGTGTCCGA
GAACTCGCGGGTCTCCCACTACATCATCAACTCGCTGCCCAACCGCCGTTTTAAGATCGGGGACCAGGAATTTGACCATTTG
CCGGCCCTGCTGGAGTTTTACAAGATCCACTACCTGGACACCACCACCCTCATCGAGCCTGCGCCCAGGTATCCAAGCCCA
CCAATGGGATCTGTCTCAGCACCCAACCTGCCTACAGCAGAAGATAACCTGGAATATGTACGGACTCTGTATGATTTTCCTG
GGAATGATGCCGAAGACCTGCCCTTTAAAAAGGGTGAGATCCTAGTGATAATAGAGAAGCCTGAAGAACAGTGGTGGAGTG
CCCGGAACAAGGATGGCCGGGTTGGGATGATTCCTGTCCCTTATGTCGAAAAGCTTGTGAGATCCTCACCACACGGAAAGC
ATGGAAATAGGAATTCCAACAGTTATGGGATCCCAGAACCTGCTCATGCATACGCTCAACCTCAGACCACAACCTCCTCTACC
TGCAGTTTCCGGTTCTCCTGGGGCAGCAATCACCCCTTTGCCATCCACACAGAATGGACCTGTCTTTGCGAAAGCAATCCAG
AAAAGAGTACCCTGTGCTTATGACAAGACTGCCTTGGCATTAGAGGTTGGTGACATCGTGAAAGTCACAAGGATGAATATAA
ATGGCCAGTGGAAGGCGAAGTGAACGGGCGCAAAGGGCTTTTCCCCTTTACGCACGTCAAATCTTTGACCCTCAAACC
CAGATGAAAACGAGTGA
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Transaction Sequence

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MSSARFDSSD RSAWYMGVPS RQEAQTRLQG QRHGMFLVRD SSTCPGDYVL SVSENSRVSH YIINSLPNRR FKIGDQEFDH
LPALLEFYKI HYLDTTTLIE PAPRYPSPPM GSVSAPNLPT AEDNLEYVRT LYDFPGNDAE DLPFKKGEIL VIIKPEEQW
WSARNKDGRV GMIPVPYVEK LVRSSPHGKH GNRNSNSYGI PEPAHAYAQP QTTTLPVAVS GSPGAAITPL PSTQNGPVFA
KAIQKRVPCA YDKTALALEV GDIVKVTRMN INGQWEGEVN GRKGLFPFTH VKIFDPQNP D ENE
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