

STK17A cDNA

Catalog Number: ATGD0060

PRODUCT INFORMATION

Catalog number

ATGD0060

Product type

cDNA

Species

Human

NCBI Accession No.

AAH47696.1

Alternative Names

Serine/threonine kinase 17A, STK17A, DRAK1, DAP kinase-related apoptosis-inducing protein kinase 1, Serine threonine-protein kinase 17A

mRNA Refseq

BC047696.1

OMIM

604726

Chromosome location

7p13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1245bp

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)

STK17A cDNA

Catalog Number: ATGD0060

General Description

STK17A is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity.

DATA

Sequence nucleotides

```
ATGATCCCTT TGGAGAAGCC AGGCAGCGGC GGCTCCTCCC CAGGCGCCAC CTCAGGCTCG GGCCGGGCAG
GCCGGGTCT GAGCGGGCCG TGCCGGCCGC CGCCGCCGCC CCAGGCCCGC GGGCTGCTGA CAGAGATACG
CGCCGTGGTG CGCACCGAGC CTTCCAGGA CGGCTACAGC CTGTGCCCGG GCCGGGAGCT GGGCAGGGGG
AAATTTGCAG TGGTGAGAAA ATGTATAAAG AAAGATTCTG GGAAAGAATT TGCTGCAAAG TTCATGAGAA
AAAGAAGAAA AGGCCAAGAT TGTCGGATGG AAATAATTCA TGAGATTGCT GTACTTGAAC TAGCACAAGA
CAATCCTTGG GTCATTAATT TACATGAAGT TTATGAGACT GCATCAGAAA TGATCTTAGT TCTGGAATAT
GCTGCTGGGG GTGAAATCTT TGACCAAGTGT GTTGCAGACA GAGAAGAAGC CTTTAAAGAA AAAGATGTTT
AAAGACTTAT GCGACAGATT TTAGAAGGTG TTCACTTTTT ACACACTCGT GATGTAGTTC ATCTTGATT
GAAGCCTCAG AATATTCTGT TGACAAGTGA ATCTCCATTG GGTGACATTA AGATTGTTGA TTTTGGCCTT
TCAAGAATAT TGAAGAACAG TGAAGAGCTC CGAGAAATTA TGGGTACCCC TGAATATGTG GCTCCTGAAA
TTCTTAGTTA TGATCCTATA AGCATGGCAA CAGATATGTG GAGCATTGGA GTGTAAACAT ATGTCATGCT
TACAGGAATA TCACCTTCT TAGGCAATGA TAAACAAGAA ACATTCTTAA ACATCTCACA GATGAATTTA AGTTATTCTG
AGGAAGAATT TGATGTTTTG TCTGAGTCGG CTGTTGATTT CATCAGGACA CTTTTAGTTA AGAAACCTGA
AGATCGAGCC ACTGCTGAAG AATGTCTAAA GCACCCCTGG TTGACACAGA GCAGTATTCA AGAGCCTTCT
TTCAGGATGG AAAAGGCACT AGAAGAAGCA AATGCCCTCC AAGAAGGTCA TTCTGTGCCT GAAATTAATT
CGGATACCGA CAAATCAGAA ACCGAGGAAT CCATTGTAAC CGAAGAGTTA ATTGTAGTTA CTTTCATATAC
TCTAGGACAA TGCAGACAGT CTGAAAAAGA GAAAATGGAG CAAAAGGCCA TTTCCAAACG ATTTAAATTT
GAGGAACCTT TGCTACAAGA AATTCCAGGA GAATTTATCT ACTGA
```

Transaction Sequence

```
MIPLEKPGSG GSSPGATSGS GRAGRGLSGP CRPPPPQAR GLLTEIRAVV RTEPFQDGYS LCPGRELGRG KFAVVRKCIK
KDSGKEFAAK FMRKRRKGQD CRMEIHEIA VLELAQDNPW VINLHEVYET ASEMILVLEY AAGGEIFDQC VADREEAFKE
KDVQRLMRQI LEGVHFLHTR DVVHLDLKPQ NILLTSESPL GDKIVDFGL SRILKNSEEL REIMGTPEYV APEILSYDPI
SMATDMWSIG VLTYVMLTGI SPFLGNDKQE TFLNISQMNL SYSEEEFDVL SESAVDFIRT LLVKKPEDRA TAEELKHPW
LTQSSIQEPS FRMEKALEEA NALQEGHSVP EINSDDTKSE TEESIVTEEL IVVTSYTLGQ CRQSEKEME QKAISKRFK
EPELLQEIPG EFIY
```