

TCEA2 cDNA

Catalog Number: ATGD0492

PRODUCT INFORMATION

Catalog number

ATGD0492

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003186.1

Alternative Names

TFIIS

mRNA Refseq

NM_003195.4

OMIM

604784

Chromosome location

20q13.33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

900bp

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 Nde I to Hind III. 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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TCEA2 is found in the nucleus, where it functions as an SII class transcription elongation factor. Elongation factors in this class are responsible for releasing RNA polymerase II ternary complexes from transcriptional arrest at template-encoded arresting sites. The encoded protein has been shown to interact with general transcription factor IIB, a basal transcription factor. Two transcript variants encoding different isoforms have been found for TCEA2

DATA

Sequence nucleotides

ATGATGGGCAAGGAAGAGGAGATTGCGCGGATCGCCCGGAGGCTGGACAAGATGGTGACCAAGAAGAGCGCGGAGGGAG
CCATGGATTTGCTGCGGGAGCTGAAGGCCATGCCTATCACGCTGCACCTGCTCCAGTCCACCCGAGTCGGGATGTCTGTCA
ACGCCCTTCGGAAGCAGAGCTCGGATGAGGAGGTCATTGCACTGGCCAAGTCTCTCATCAAGTCCTGGAAGAAGCTCCTGG
ATGCTTCCGATGCCAAAGCCAGGGAGCGGGGGAGGGGCGATGCCTCTGCCACGTCCTCGAGGGATGCCTCAGAGGCCCC
GGATCCCAGCCGCAAGAGGCGGAGCTGCCAGGGCACCGTCGACTCCGAGGATCACCACATTTCTCCGGTGCCTGTCA
CCTGTGATGCCGTGCGCAACAAGTGCCGCGAGATGCTGACCGCTGCCCTGCAGACGGACCATGACCACGTGGCCATCGGT
GCGGACTGCGAGCGCCTGTGCGGCTCAGATCGAGGAATGCATCTTCCGGGACGTTGGAAACACAGACATGAAGTATAAGAA
CCGTGTACGGAGTCGTATCTCCAACCTGAAGGATGCCAAGAACCCTGACCTGCGGCGGAATGTGCTGTGTGGGGCCATAAC
ACCCCAGCAGATCGCTGTGATGACCTCAGAGGAGATGGCCAGTGATGAGCTGAAGGAGATCCGTAAGGCCATGACCAAGG
AGGCCATCCGAGAGCACCAGATGGCCCGCACTGGCGGCACGCAGACAGACCTGTTACCTGCGGCAAGTGCAGGAAAAAG
AACTGCACCTACACACAGGTGCAGACCCGCAGCTCTGATGAGCCCATGACCACCTTTGTTGTCTGCAACGAGTGTGGAAAC
CGCTGGAAGTTCTGCTGA

Transaction Sequence

MMGKEEEIAR IARRLDKMTV KKSAGAMD LRELKAMPIT LHLLQSTRVG MSVNALRKQSSDEEVIALAK SLIKSWKKLL
DASDAKARER GRGMPLPTSS RDASEAPDPS RKRPELPRAPSTPRITTFPP VPVTCDAVRN KCREMLTAAL QTDHHDHVAIG
ADCERLSAQI EECIFRDVGNTDMKYKNRVR SRISNLKDAK NPDLRNVLC GAITPQQIAV MTSEEMASDE
LKEIRKAMTKEAIREHQMAR TGGTQTDLFT CGKCRKKNCT YTQVQTRSSD EPMTTFVVCN ECGNRWKFC