

TCF21 cDNA

Catalog Number: ATGD0391

PRODUCT INFORMATION

Catalog number

ATGD0391

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003197.2

Alternative Names

bHLHa23, POD1

mRNA Refseq

NM_003206.3

OMIM

603306

Chromosome location

6q23.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

540bp

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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TCF21 is a transcription factor of the basic helix-loop-helix family. Two transcript variants encoding the same protein have been found for TCF21.

DATA

Sequence nucleotides

```
ATGTCCACCGGCTCCCTCAGCGATGTGGAGGACCTTCAAGAGGTGGAGATGTTGGAATGTGACGGGTTGAAAATGGATTTCG
AACAAAGGAATTTGTGACTTCCAACGAGAGCACCGAGGAGAGCTCCAAGTGCAGAGATGGGTCTCCCCAGAAGGGCCGCGG
CGGCCTGGGCAAGAGGAGGAAGGCGCCACCAAGAAGAGCCCCCTGAGCGGGGTTCAGCCAGGAGGGGAAGCAGGTCCA
GCGCAACGCCGCCAACGCGCGAGAGCGGGCCCGCATGCGAGTGCTGAGCAAGGCCTTCTCCAGACTCAAGACCACCCTGC
CCTGGGTGCCCCCGACACCAAGCTCTCCAAGCTGGACACGCTCAGGCTGGCGTCCAGCTACATCGCCCACTTGAGGCAG
ATCCTGGCTAACGACAAATACGAGAACGGGTACATTCACCCGGTCAACCTGACGTGGCCCTTTATGGTGGCCGGGAAACCC
GAGAGTGACCTGAAAGAAAGTGGTGACCGCGAGCCGCTTATGTGGAACCAACCGCGTCCTGA
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Transaction Sequence

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MSTGSLSDVE DLQEVEMLEC DGLKMDSNKE FVTSNESTEE SSNCENGSPQ KGRGGLGKRRKAPTKKSPLS GVSQEGKQVQ
RNAANARERA RMRVLSKAFS RLKTTLPWVP PDKLSKLDLRLASSYIAH LRQILANDKY ENGYIHPVNL TWPFMVAGKP
ESDLKEVVTA SRLCGTTAS
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