

TIPIN cDNA

Catalog Number: ATGD0486

PRODUCT INFORMATION

Catalog number

ATGD0486

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060328.2

Alternative Names**mRNA Refseq**

NM_017858.2

OMIM

610716

Chromosome location

15q22.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

906bp

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

TIPIN is part of the replisome complex, a group of proteins that support DNA replication. It binds TIM, which is

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involved in circadian rhythm regulation, and aids in protecting cells against DNA damage and stress. Two pseudogenes and two transcript variants encoding different isoforms have been found for this gene.

DATA

Sequence nucleotides

ATGCTAGAACACAGGAGAATGGCGTGATTGACCTACCAGATTATGAGCATGTAGAAGATGAACTTTTCCTCCTTTCCCAC
CTCCAGCCTCTCCAGAGAGACAAGATGGTGAAGGAACTGAGCCTGATGAAGAGTCAGGAAATGGAGCACCTGTTCTGTAC
CTCCAAAGAGAACAGTTAAAAGAAATATACCCAAGCTGGATGCTCAGAGATTAATTTTCAGAGAGAGGACTTCCAGCCTTAAG
GCATGTATTTGATAAGGCCAAAATTCAAAGGTAAAGGTCATGAGGCTGAAGACTTGAAGATGCTAATCAGACACATGGAGCA
CTGGGCACATAGGCTATTCCCTAAACTGCAGTTTGAGGATTTTATTGACAGAGTTGAATACCTGGGAAGTAAAAAGGAAGTT
CAGACCTGTTTAAACGAATTCGACTTGATCTCCCTATTTTACATGAAGATTTTGTTAGCAATAATGATGAAGTTGCGGAGAA
TAATGAACATGATGTCACTTCTACTGAATTAGATCCCTTTCTGACAACTTATCTGAAAGTGAGATGTTTGCTTCTGAGTTAAG
TAGAAGCCTAACAGAAGAGCAACAACAAAGAATTGAGAGAAATAACAACCTGGCCTTGGAAGAAGGCAGGCAAAGCTGCT
GAGTAATAGTCAGACCCTAGGAAATGATATGTTAATGAATACACCCAGGGCACACACGGTTGAAGAGGTTAATACTGATGA
GGATCAAAAGGAGGAGTCAAATGGATTAAACGAAGACATTCTGGACAATCCATGTAATGATGCTATTGCCAATACTTTAAAT
GAAGAGGAAACACTGCTGGACCAGTCTTTTAAAAATGTGCAACAGCAACTTGATGCTACATCCAGAAATATTACTGAAGCTA
GATAA

Transaction Sequence

MLEPQENGVI DLPDYEHVED ETFPPFPPA SPERQDGEGT EPDEESGNGA PVPVPPKRTVKRNIPKLDAQ RLISERGLPA
LRHVFDKAKF KGKGHEAEDL KMLIRHMEHW AHRLFPLQFEDFIDRVEYL GSKKEVQTCL KRIRLDLPIL HEDFVSNND
VAENNEHDVT STELDPFLTNLSESEMFASE LSRSLTEEQQ QRIERNKQLA LERRQAKLLS NSQTLGNDML
MNTPRAHTVEEVNTDEDQKE ESNGLNEDIL DNPCNDAIAN TLNEEETLLD QSFKNVQQQL DATSRNITEAR