

TFG cDNA

Catalog Number: ATGD0270

PRODUCT INFORMATION

Catalog number

ATGD0270

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001182408.1

Alternative Names

HMSNP, SPG57, TF6, TRKT3

mRNA Refseq

NM_001195479.1

OMIM

602498

Chromosome location

3q12.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1191bp

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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TFG participates in several oncogenic rearrangements resulting in anaplastic lymphoma and mixoid chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene.

DATA

Sequence nucleotides

ATGAACGGACAGTTGGATCTAAGTGGGAAGCTAATCATCAAAGCTCAACTTGGGGAGGATATTCGGCGAATTCCTATTCATA
 ATGAAGATATTACTTATGATGAATTAGTGCTAATGATGCAACGAGTTTTTCAGAGGAAAACCTTCTGAGTAATGATGAAGTAACA
 ATAAAGTATAAAGATGAAGATGGAGATCTTATAACAATTTTTGATAGTTCTGACCTTTCTTTGCAATTCAGTGCAGTAGGAT
 ACTGAAACTGACATTATTTGTTAATGGCCAGCCAAGACCCCTTGAATCAAGTCAGGTGAAATATCTCCGTCGAGAAGTACTGATA
 GAACTTCGAAATAAAGTGAATCGTTTATTGGATAGCTTGGAAACCACCTGGAGAACCAGGACCTTCCACCAATATTCCTGAAA
 ATGATACTGTGGATGGTAGGGAAGAAAAGTCTGCTTCTGATTCTTCTGGAAAACAGTCTACTCAGGTTATGGCAGCAAGTAT
 GTCTGCTTTTATGATCCTTTAAAAAACCAAGATGAAATCAATAAAAAATGTTATGTCAGCGTTTGGCTTAACAGATGATCAGGTTT
 CAGGGCCACCCAGTGCTCCTGCAGAAGATCGTTCAGGAACACCCGACAGCATTGCTTCTCCTCCTCCTCAGCAGCTCACCCAC
 CAGGCGTTCAGCCACAGCAGCCACCATATACAGGAGCTCAGACTCAAGCAGGTCAGATGTACCAACAGTACCAGCAACAGG
 CCGGCTATGGTGCACAGCAGCCGCGAGGCTCCACCTCAGCAGCCTCAACAGTATGGTATTAGTATTAGCAAGCTATAGTC
 AGCAGACTGGACCTCAACAACCTCAGCAGTTCAGGGATATGGCCAGCAACCAACTTCCCAGGCACCAGCTCCTGCCTTTT
 CTGGTCAGCCTCAACAACCTGCCTGCTCAGCCGCCACAGCAGTACCAGGCGAGCAATTATCCTGCACAACTTACACTGCC
 AAATTTCTCAGCCTACTAATTATACTGTGGCTCCTGCCTCTCAACCTGGAATGGCTCCAAGCCAACCTGGGGCCTATCAACC
 AAGACCAGGTTTTACTTCACTTCTGGAAGTACCATGACCCCTCCTCCAAGTGGGCCTAATCCTTATGCGCGTAACCGTCT
 CCCTTTGGTCAGGGCTATACCCAACCTGGACCTGGTTATCGATAA

Transaction Sequence

MNGQLDLGK LIKAQLGED IRRIPHNED ITYDELVLMM QRVFRGKLLS NDEVTIKYKD EDGDLITIFD SSDLSFAIQC
 SRILKLTFLV NGQPRPLESS QVKYLRRELI ELRNKVNRL DSLEPPGEPG PSTNIPENDT VDGREEKSAS DSSGKQSTQV
 MAASMSAFDP LKNQDEINKN VMSAFGLTDD QVSGPPSAPA EDRSGTPDSI ASSSSAAHPP GVQPQQPPYT GAQTQAGQMY
 QQYQQQAGYG AQPQAPPQQ PQYGIQYSA SYSQQTGPQQ PQQFQYGYQQ PTSQAPAPAF SGQPQQLPAQ
 PPQYQASNY PAQTYTAQTS QPTNYTVAPA SQPGMAPSQP GAYQPRPGFT SLPGSTMTTPP PSGPNPYARN RPPFGQGYTQ
 PPGGYR