

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

TFG cDNA

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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

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ATGAACGGACAGTTGGATCTAAGTGGGAAGCTAATCATCAAAGCTCAACTTGGGGAGGATATTGGCGAATTCCTATTCATA
ATGAAGATATTACTTATGATGAATTAGTGCTAATGATGCAACGAGTTTTTCAGAGGAAAACCTTCTGAGTAATGATGAAGTAACA
ATAAAGTATAAAGATGAAGATGGAGATCTTATAACAATTTTTGATAGTTCTGACCTTTCTTTGCAATTCAGTGCAGTAGGAT
ACTGAAACTGACATTATTTGTTAATGGCCAGCCAAGACCCCTTGAATCAAGTCAGGTGAAATATCTCCGTCGAGAAGTATA
GAACTTCGAAATAAAGTGAATCGTTTATTGGATAGCTTGGAAACCACCTGGAGAACCAGGACCTTCCACCAATATTCCTGAAA
ATGATACTGTGGATGGTAGGGAAGAAAAGTCTGCTTCTGATTCTTCTGGAAAACAGTCTACTCAGGTTATGGCAGCAAGTAT
GTCTGCTTTTGATCCTTTAAAAAACCAAGATGAAATCAATAAAAAATGTTATGTCAGCGTTTGGCTTAACAGATGATCAGGTTT
CAGGGCCACCCAGTGCTCCTGCAGAAGATCGTTCAGGAACACCCGACAGCATTGCTTCCTCCTCCTCAGCAGCTCACCCAC
CAGGCGTTTCAGCCACAGCAGCCACCATATACAGGAGCTCAGACTCAAGCAGGTCAGATGTACCAACAGTACCAGCAACAGG
CCGGCTATGGTGCACAGCAGCCGCGAGGCTCCACCTCAGCAGCCTCAACAGTATGGTATTAGTATTAGCAAGCTATAGTC
AGCAGACTGGACCTCAACAACCTCAGCAGTTCCAGGGATATGGCCAGCAACCAACTTCCCAGGCACCAGCTCCTGCCTTTT
CTGGTCAGCCTCAACAACCTGCCTGCTCAGCCGCCACAGCAGTACCAGGCGAGCAATTATCCTGCACAACTTACACTGCCC
AACTTCTCAGCCTACTAATTATACTGTGGCTCCTGCCTCTCAACCTGGAATGGCTCCAAGCCAACCTGGGGCCTATCAACC
AAGACCAGGTTTTACTTCACTTCTGGAAGTACCATGACCCCTCCTCCAAGTGGGCCTAATCCTTATGCGCGTAACCGTCCT
CCCTTTGGTCAGGGCTATACCCAACCTGGACCTGGTTATCGATAA
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Transaction Sequence

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MNGQLDLSGK LIIKAQLGED IRRIPHNED ITYDELVLMM QRVFRGKLLS NDEVTIKYKD EDGDLITIFD SSDLSFAIQC
SRILKLTLFV NGQPRPLESS QVKYLRRELI ELRNKVNRL DSLEPPGEPG PSTNIPENDT VDGREEKSAS DSSGKQSTQV
MAASMSAFDP LKNQDEINKN VMSAFGLTDD QVSGPPSAPA EDRSGTPDSI ASSSSAAHPP GVQPQQPPYT GAQTQAGQMY
QQYQQQAGYG AQPQAPPQQ PQQYGIQYSA SYSQQTGPQQ PQQFQGYGQQ PTSQAPAPAF SGQPQQLPAQ
PPQYQASNY PAQTYTAQTS QPTNYTVAPA SQPGMAPSQP GAYQPRPGFT SLPGSTMTTP PSGPNPYARN RPPFGQGYTQ
PGPGYR
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