

TSTD3 cDNA

Catalog Number: ATGD0499

PRODUCT INFORMATION

Catalog number

ATGD0499

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001182060.1

Alternative Names

mRNA Refseq

NM_001195131.1

OMIM

Chromosome location

6q16.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

294bp

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

TSTD3 contains 1 rhodanese domain that is characterized by an active site cysteine residue that is able to bind sulfane sulfur and catalyse sulfur transfer.

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DATA

Sequence nucleotides

ATGAAAATAGAAAAGTGTGGCTGGTCTGAAGGTTTGACGTCAATAAAGGGAAACTGCCACAATTTTTATACTGCTATTTCTAA
AGATGTCACTTATAAGGAACTTAAAAACCTGTTGAATTCTAAAAATATTATGTTAATTGATGTTAGAGAGATATGGGAAATTCT
GGAGTATCAAAAAATCCCTGAGTCTATCAATGTACCATTGGATGAAGTAGGTGAAGCTCTACAGATGAATCCAAGAGACTTC
AAAGAGAAGTACAATGAAGTAAAACCATCCAAATCTGACAGCTAG

Transaction Sequence

MKIEKCGWSE GLTSIKGNCH NFYTAISKDV TYKELKNLLN SKNIMLIDVR EIWEILEYQKIPESINVPLD EVGEALQMNP
RDFKEYNEV KPSKSDS