

DDT cDNA

Catalog Number: ATGD0141

PRODUCT INFORMATION

Catalog number

ATGD0141

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001346.1

Alternative Names

DDCT

mRNA Refseq

NM_001355.3

OMIM

602750

Chromosome location

22q11.23

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

357bp

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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D-dopachrome tautomerase converts D-dopachrome into 5, 6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22.

DATA

Sequence nucleotides

```
ATGCCGTTCTGGAGCTGGACACGAATTTGCCCGCCAACCGAGTGCCCGCGGGGCTGGAGAAACGACTCTGCGCCGCCGC
TGCCTCCATCCTGGGCAAACCTGCGGACCGCGTGAACGTGACGGTACGGCCGGGCCTGGCCATGGCGCTGAGCGGGTCC
ACCGAGCCCTGCGCGCAGCTGTCCATCTCCTCCATCGGCGTAGTGGGCACCGCCGAGGACAACCGCAGCCACAGCGCCCA
CTTCTTTGAGTTTCTCACCAAGGAGCTAGCCCTGGGCCAGGACCGGATACTTATCCGCTTTTCCCCTTGGAGTCCTGGCAG
ATTGGCAAGATAGGGACGGTCATGACTTTTTTATGA
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Transaction Sequence

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MPFLELDTNL PANRVPAGLE KRLCAAAASI LGKPADRVNV TVRPGLAMAL SGSTEPCAQL SISSIGVVGT AEDNRSHSAH
FFEFLTKELA LGQDRILIRF FPLESWQIGK IGTVMTFL
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