

MPLKIP cDNA

Catalog Number: ATGD0351

PRODUCT INFORMATION

Catalog number

ATGD0351

Product type

cDNA

Species

Human

NCBI Accession No.

NP_619646.1

Alternative Names

ABHS, C7orf11, ORF20, TTD4

mRNA Refseq

NM_138701.3

OMIM

609188

Chromosome location

7p14.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

540bp

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 Hind III. 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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TTDN1 (TTD non-photosensitive 1 protein), also known as C7orf11, ABHS or ORF20 localizes to the nucleus and shares 92% amino acid identity with its mouse counterpart. Mutations in this gene result in nonphotosensitive trichothiodystrophy.

DATA

Sequence nucleotides

```
ATGCAGCGACAGAATTTTCGGCCCCCAACTCCTCCTTACCCTGGTCCGGGTGGAGGAGGTTGGGGTAGCGGAAGCAGCTTC
CGGGGAACCCCGGGCGGGGGCGGACCACGGCCGCCCTCCCCTCGAGACGGGTACGGGAGTCCGCACCACACGCCGCCG
TACGGGCCCCCGGTCTAGGCCGTACGGGAGCAGTCACTCTCCGCGACACGGCGGCAGCTTCCCGGGGGGCCGGTTCGGGT
CTCCGTCCCCTGGCGGCTACCCTGGCTCCTACTCCAGGTCCCCCGCGGGGTCCCAGCAGCAATTCGGCTACTCCCCAGGGC
AGCAGCAGACCCACCCCCAGGGTTCTCCAAGGACATCTACACCATTTGGATCAGGGCGTGTTAGAGAAAAAAGAATGTCTA
ATGAGTTGGAAAATTATTTCAAGCCTTCAATGCTTGAAGATCCTTGGGCTGGCCTAGAACCAGTATCTGTAGTGGATATAAG
CCAACAATACAGCAATACTCAAACATTCACAGGCAAAAAAGGAAGATACTTTTGTAA
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Transaction Sequence

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MQRQNFRPPT PPYPGPGGGG WSGSSFRGT PGGGGPRPPS PRDGYGSPHH TPYGP RSRP YGSSHSPRHG
GSFPGGRFGS PSPGGYPGSY SRSPAGSQQQ FGYS PGQQT HPQGSPTST PFGSGRVREK RMSNELENYF KPSMLEDPWA
GLEPVSVDI SQQYSNTQTF TGKKGRYFC
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