

HSPB9 cDNA

Catalog Number: ATGD0085

PRODUCT INFORMATION

Catalog number

ATGD0085

Product type

cDNA

Species

Human

NCBI Accession No.

NP_149971.1

Alternative Names

CT51

mRNA Refseq

NM_033194.2

OMIM

608344

Chromosome location

17q21.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

480bp

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

HSPB9 cDNA

Catalog Number: ATGD0085

HSPB9, also known as CT51, belongs to the small heat shock protein (HSP20) family. Localizing to the cytoplasm as well as the nucleus, HSPB9 is expressed specifically in the testis.

DATA

Sequence nucleotides

```
ATGCAGAGAG TCGGTAACAC CTTCTCCAAC GAGAGCCGGG TGGCATCCCG GTGTCCCAGC GTGGGCCTTG
CTGAACGGAA CCGGGTGGCC ACAATGCCGG TCGGGCTGCT CAGGGACAGT CCAGCGGCTC AGGAGGACAA
TGACCATGCC AGAGACGGTT TCCAAATGAA GCTGGATGCC CACGGCTTCG CCCC GGAGGA ACTGGTGGTG
CAGGTGGATG GCCAATGGCT GATGGTGACC GGACAGCAGC AACTGGACGT CAGGGACCCG GAAAGGGTCA
GTTACCGCAT GTCACAGAAG GTGCACCGGA AAATGCTCCC GTCCAACCTG AGTCCTACCG CCATGACCTG
CTGCCTGACC CCCTCCGGGC AGCTGTGGGT CAGAGGCCAG TGTGTGGCGC TGGCCCTCCC TGAAGCCAA
ACAGGACCGT CCCC GAGACT CGGGAGCCTC GGCTCTAAGG CTTCCAACCT GACCCGGTAA
```

Transaction Sequence

```
MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHA RDGFQMKLDA HGFAPPEELVV
QVDGQWLMVT GQQQLDVRDP ERVSYRMSQK VHRKMLPSNL SPTAMTCCLT PSGQLWVRGQ CVALALPEAQ
TGPSPRLGSL GSKASNLTR
```