

HSPB6 cDNA

Catalog Number: ATGD0084

PRODUCT INFORMATION

Catalog number

ATGD0084

Product type

cDNA

Species

Human

NCBI Accession No.

NP_653218.1

Alternative Names

Heat shock protein family B (small) member 6, Heat shock protein beta-6, Heat shock 20 kDa-like protein p20, HEL55, Hsp20, PPP1R91

mRNA Refseq

NM_144617.2

OMIM

610695

Chromosome location

19q13.12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

483bp

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 Nde 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)

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General Description

HSPB6 also known as Heat shock protein beta-6. This locus encodes a heat shock protein. This protein likely plays a role in smooth muscle relaxation

DATA

Sequence nucleotides

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ATGGAGATCC CTGTGCCTGT GCAGCCGTCT TGGCTGCGCC GCGCCTCGGC CCCGTTGCCC GGACTTTCGG
CGCCCGGACG CCTCTTTGAC CAGCGCTTCG GCGAGGGGCT GCTGGAGGCC GAGCTGGCTG CGCTCTGCCC
CACCACGCTC GCCCCCTACT ACCTGCGCGC ACCCAGCGTG GCGCTGCCCC TCGCCCAGGT GCCGACGGAC
CCCGGCCACT TTTCGGTGCT GCTAGACGTG AAGCACTTCT CGCCGGAGGA AATTGCTGTC AAGGTGGTGG
GCGAACACGT GGAGGTGCAC GCGCGCCACG AGGAGCGCCC GGATGAGCAC GGATTCGTCG CGCGCGAGTT
CCACCGTCGC TACCGCCTGC CGCCTGGCGT GGATCCGGCT GCCGTGACGT CCGCGCTGTC CCCCAGAGGC
GTCCTGTCCA TCCAGGCCGC ACCAGCGTCG GCCCAGGCC CACCGCCAGC CGCAGCCAAG TAG
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Transaction Sequence

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MEIPVPVQPS WLRRASAPLP GLSAPGRLFD QRFGEGLLEA ELAALCPTTL APYYLRAPSV ALPVAQVPTD PGHFSVLLDV
KHFSPEEIAV KVVGEHVEVH ARHEERPDEH GFVAREFHRR YRLPPGVDP AVTSALSPEG VLSIQAAPAS AQAPPPAAAK
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