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 prtein beta-6. This locus encodes a heat shock protein. This protein likely plays a role in smooth muscle relaxation

DATA

Sequence nucleotides

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

Transaction Sequence

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