

Recombinant human HSPB2 protein

Catalog Number: ATGP1549

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-182aa

UniProt No.

Q16082

NCBI Accession No.

NP_001532

Alternative Names

Heat shock protein beta-2, Hs.78846, HSP27, LOH11CR1K, MKBP

PRODUCT SPECIFICATION

Molecular Weight

22.8 kDa (206aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HSPB2, also known as heat shock protein beta-2, belongs to the small heat shock protein (HSP20) family. This protein may regulate the kinase DMPK. Recombinant human HSPB2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSHT>MSGRSV PHAHPATAEY EFANPSRLGE QRFGEGLLPE EILTPTLYHG
YYVRPRAAPA GEGSRAGASE LRLSEGKFQA FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPAD

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VDPWRVRAAL SHDGILNLEA PRGGRHLDTE VNEVYISLLP APPDPEEEEE AAIVEP

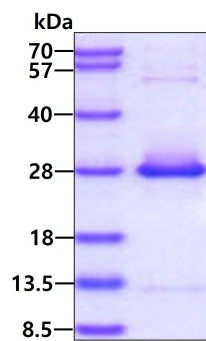
General References

Suzuki A., et al. (1998) J. Cell Biol. 140:1113-1124

Iwaki A., et al. (1997) Genomics. 45:386-394

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.