



**HSPB2, 1-182aa, Human, His tag, E.coli**

**Cat.NO.: TP02533**

3th Edition

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

**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 Nterminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

**Molecular Weight:**22.8 kDa (206aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMSGRSVPHAHAPATAEYEFANPSRLGEQRFEGELLPEEILTPTLYHGYYVR  
PRAAPAGEGSRAGASELRLSEGKFAFLDVSHFTPDEVTVRTVDNLLEVSARHPQRLDRHGFVSREFCRITYLPA  
DVDPWRVRAALSHDGILNLEAPRGGRHLDTEVNEVYISLLPAPPDPEEEEEAAIVEP

**Purity:**> 95% by HPLC

**Concentration:**> 90% by SDS - PAGE

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.