

**HSPB9, 1-159aa, Human, His tag, E.coli**

**Cat.NO.: TP02538**

3th Edition

**Synonyms:**Heat shock protein beta-9, CT51 (cancer/testis antigen 51).

**Description:**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. Recombinant human HSPB9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT

**Molecular Weight:**19.6 kDa (179aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMQRVGNTFSNESRVASRCPSVGLAERNRVATMPVRLLRDSPAAQEDNDHARDG  
FQMKLDAHGFAPPEELVVQVDGQWLMVTGQQQLDVRDPERVSYRMSQKVHRKMLPSNLSPTAMTCCLTPSGQLW  
VRGQCVALALPEAQTGSPRLGSLGSKASNLTR

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**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.