

**HSPB11, 1-144aa, Human, His tag, E.coli**

**Cat.NO.: TP02532**

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3th Edition

**Synonyms:**Heat shock protein beta-11., C1orf41, HSPCO34, IFT25, PP25.

**Description:**HSPB11, also known as PP25, is detected in placenta. Recombinant human HSPB11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol,2mM DTT, 0.1M NaCl.

**Molecular Weight:**18.5 kDa (164aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMRKIDLCLSSEGSEVILATSSDEKHPPENIIDGNPETFWTGTFMFPQEFICFHKHV  
RIERLVIQSYFVQTLKIEKSTSKEPVDFEQWIEKDLVHTEGQLQNEEIVAHDGSAATYLRFIIVSAFDHFASVHVSVAEG  
TVVSNLSS

**Purity:**> 95% by HPLC

**Concentration:**1 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.