# **PRODUCT INFORMATION**

**Expression system** E.coli

**Domain** 1-144aa

**UniProt No.** Q9Y547

NCBI Accession No. NP\_057210

Alternative Names Heat shock protein beta-11., C1orf41, HSPCO34, IFT25, PP25.

# **PRODUCT SPECIFICATION**

#### **Molecular Weight**

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

**Concentration** 1mg/ml (determined by Bradford assay)

#### Formulation

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

#### 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

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.

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MRKIDLCLSS EGSEVILATS SDEKHPPENI IDGNPETFWT TTGMFPQEFI ICFHKHVRIE RLVIQSYFVQ TLKIEKSTSK EPVDFEQWIE KDLVHTEGQL QNEEIVAHDG SATYLRFIIV SAFDHFASVH SVSAEGTVVS NLSS

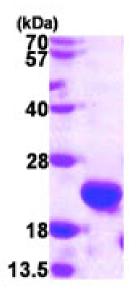


#### **General References**

Bellyei S., et al. (2007) Eur J Cell Biol. 86(3):161-71. Pozsgai E., et al. (2007) BMC Cancer. 7:233.

## DATA

#### SDS-PAGE



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

# 15% SDS-PAGE (3ug)