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

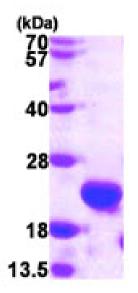


General References

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)