

Recombinant human HSPB11 protein

Catalog Number: ATGP1061

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

Recombinant human HSPB11 protein

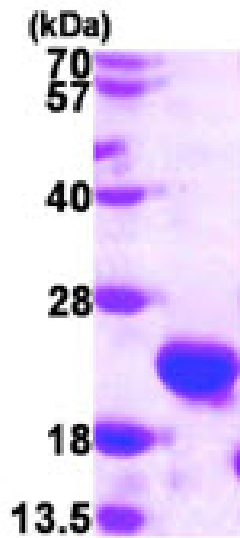
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General References

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)