

---

## Product Data Sheet

---

Product Name: HSPB11 Human  
 Cat. No.: GP25112  
 Batch No.: 1

### Product Data

|                     |   |                    |                         |
|---------------------|---|--------------------|-------------------------|
| Purity              | >98%  | Source             | Escherichia Coli.       |
| Physical Appearance | solid   | Shipping Condition | Shipped with Ice Packs. |
| Synonyms            | Heat shock protein beta-11; Hspb11; Placental protein 25; PP25; C1orf41; HSPC034; IFT25.  |                    |                         |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSHMRKIDLCLSS EGSEVILATS SDEKHPPENI<br>IDGNPETFWT TTGMFPQEFI ICFHKHVRIE RLVIQSYFVQ TLKIEKSTSK<br>EPVDFEQWIE KDLVHTEGQL QNEEIVAHDG SATYLRFIIV SAFDHFASVH<br>SVSAEGTVVS NLSS. |                    |                         |
| Formulation         | The HSPB11 protein (1mg/ml) solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.   |                    |                         |

### Introduction

HSPB11 is a component of IFT complex B composed of IFT88, IFT57, TRAF3IP1, IFT52, IFT27, HSPB11 and IFT20. HSPB11 is detected in the placenta.

### Stability

HSPB11 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

HSPB11 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 164 amino acids (1-144 a.a.) and having a molecular mass of 18.5kDa (Molecular weight on SDS-PAGE will appear higher).HSPB11 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA