

HSPB11 Human

Description: 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.

Catalog #: HYP5-053

For research use only.

Synonyms: Heat shock protein beta-11, Hspb11, Placental protein 25, PP25, C1orf41, HSPC034, IFT25.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MRKIDLCLSS EGSEVILATS
SDEKHPPENI IDGNPETFWT TTGMFPQEFI ICFHKHVRIE RLVIQSYFVQ TLKIEKSTSK
EPVDFEQWIE KDLVHTEGQL QNEEIVAHDG SATYLRFIIV SAFDHFASVH SVSAEGTVVS
NLSS.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The HSPB11 protein (1mg/ml) solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability:

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

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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