

## HSPB2 Human

**Description:** HSPB2 Human Recombinant produced in E. coli is a single polypeptide chain containing 206 amino acids (1-182) and having a molecular mass of 22.8kDa. HSPB2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** HYP5-059

**Synonyms:** Heat shock 27kDa protein 2, DMPK-binding protein, MKBP, HSP27, LOH11CR1K.

For research use only.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMSGRSV PHAHPATAEY  
EFANPSRLGE QRFGEGLLPE EILTPTLYHG YYVRPRAAPA GEGSRAGASE LRLSEGKFQA  
FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPAD VDPWRVRAAL  
SHDGILNLEA PRGGRHLDTE VNEVYISLLP APPDPEEEEE AAIVP

**Purity:** Greater than 90% as determined by SDS-PAGE.

### Formulation:

The HSPB2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple 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:

Heat shock protein beta-2 (HSPB2) is a member of the small heat shock protein (HSP20) family. HSPB2 is a regulator of DMPK kinase.

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