
Product Data Sheet

Product Name: HSPB2 Human

Cat. No.: GP25113

Batch No.: 1

Product Data

Purity >98%

Source E.coli.

Physical
Appearance

solid

Shipping
Condition Shipped with Ice Packs.

Synonyms

Heat shock 27kDa protein 2; DMPK-binding protein; MKBP; HSP27;
LOH11CR1K.Amino Acid
Sequence

MGSSHHHHHH SGLVPRGSH MGSHMGRSV PHAHPATAEY EFANPSRLGE
 QRFGEGLLPE EILTPTLYHG YYVRPRAAPA GEGSRAGASE LRLSEGKFQA
 FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPAD
 VDPWRVRAAL SHDGILNLEA PRGGRHLDTE VNEVYISLLP APPDPEEEEE
 AAIVPEP.

Formulation

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

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.

Background

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.

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

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