

**HSBP1 (Heat shock factor binding protein 1), Human, Recombinant, E.coli**

**Cat.NO.: TP02505**

3th Edition

**Synonyms:**Heat shock factor binding protein 1, NPC-A-13, HSF1BP

**Description:**Heat shock factor binding protein 1 (HSBP1) is a 76 amino acid protein that binds to heat shock factor 1(HSF1), which is a transcription factor involved in the HS response. HSBP1 is nuclear-localized and interacts with the active trimeric state of HSF1 to negatively regulated HSF1 DNA-binding activity. This protein was overexpressed in E.coli and was purified to apparent homogeneity by using conventional column chromatography techniques.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing, 50 mM NaCl, 20% glycerol

**Molecular Weight:**8.5kDa (76aa), confirmed by MALDI-TOF

**Sequences:**

MAETDPKTVQDLTSVVQTLQMQDKFQTMSDQIIGRIDDMSSRIDDLEKNIADLMTQAGVEELEESENKIPATQKS

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by BCA assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.