

Recombinant Human Heat Shock Factor Binding Protein 1

Cat. No. HSBP1-311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSBP1 protein was overexpressed in E.coli and purified to apparent homogeneity by using conventional column chromatography techniques (76 aa, 8.5 kDa).
Species	Human
Source	E.coli
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.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 50 mM NaCl, 20% glycerol.
Molecular Weight	8.5 kDa (76aa).
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequence	MAETDPKTVQ DLTSVVQTLL QQMQDKFQTM SDQIIGRIDD MSSRIDDLEK NIADLMTQAG VEELESENKI PATQKS

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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.

GENE INFORMATION
Gene Name

HSBP1

Synonyms

HSBP1; heat shock factor binding protein 1; NPC-A-13; DKFZp686D1664; DKFZp686O24200; HSF1BP; Nasopharyngeal carcinoma-associated antigen 13.

Gene ID

3281

mRNA Refseq

NM_001537.2

Protein Refseq

NP_001528.1

MIM

604553

UniProt ID

O75506

**Chromosome
Location**

16q23.3

Function

transcription corepressor activity.

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