

Datasheet for ABIN934887

**HSBP1 Protein**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	HSBP1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MAETDPKTVQ DLTSVVQTLL QQMQDKFQTM SDQIIGRIDD MSSRIDDLK NIADLMTQAG VEELESENKI PATQKS
Characteristics:	Purified recombinant Human HSBP1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

## Target Details

Target:	HSBP1
Alternative Name:	HSBP1 ( <a href="#">HSBP1 Products</a> )
Background:	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-

## Target Details

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binding activity. This protein was overexpressed in E. coli and was purified to apparent homogeneity by using conventional column chromatography techniques.

Alternative Names: NPC A 13 protein, HSF1BP protein, Nasopharyngeal carcinoma associated protein 13 protein, HSBP -1, Heat shock factor binding protein 1 protein, Nasopharyngeal carcinoma-associated protein 13 protein, NPC-A-13 protein, Heat shock factor-binding protein 1 protein, HSBP 1 protein, HSBP -1 protein, HSBP1, NPCA 13 protein, NPC-A-13 protein, , HSBP 1

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Molecular Weight: 8.5 kDa (76 AA)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: HSBP1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 7.5, containing 50 mM NaCl, 0 mM DTT, and 20 % glycerol.

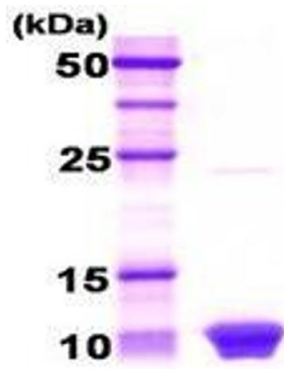
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.