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## Datasheet for ABIN7318560 HSF2 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	HSF2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSF2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human HSF2 Protein (His Tag)
Sequence:	Ser411-Ser536
Characteristics:	Recombinant Human Heat Shock Factor Protein-2 is produced by our E.coli expression system and the target gene encoding Ser411-Ser536 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	HSF2
Alternative Name:	HSF2 ( <a href="#">HSF2 Products</a> )
Background:	Background: Heat Shock Factor Protein 2 (HSF2) belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. HSF2 is

## Target Details

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widely expressed in many cells and tissues. HSF2 is located on Cytoplasmic during normal growth. But when it is activated, HSF2 moves to the nucleus.

Synonym: Heat Shock Factor Protein 2, HSF 2, Heat Shock Transcription Factor 2, HSTF 2, HSF2, HSTF2

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Molecular Weight: 15.9 kDa

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UniProt: [Q03933](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM DTT, pH 7.2.

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Storage: 4 °C, -20 °C, -80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.