

# Recombinant Full Length Human HSF1 Protein, GST-tagged

Cat. No. HSF1-3887HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HSF1 full-length ORF ( AAH14638, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	529 amino acids
<b>Description</b>	The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene. [provided by RefSeq]
<b>Molecular Mass</b>	83.82 kDa
<b>AA Sequence</b>	MDLPVGPGAAGPSNVPAFLTKLWTLVSDPDTDALICWSPSGNSFHVFDQGQFAKEV LPKYFKHNNMASFVRQLNMYGFRKVVHIEQGGLVKPERDDTEFQHPCFLRGQEQLL ENIKRKVTSVSTLKSEDIKIRQDSVTKLLTDVQLMKGKQECMDSKLLAMKHENEALW REVASLRQKHAQQQKVVNKLIQFLISLVQSNRILGVKRKIPLMLNDSGSAHSMPKYS RQFSLEHVHSGSPYSAPSPAYSSSSLYAPDAVASSGPIISDITELAPASPMASPGGSI DERPLSSSPLVRVKEEPSPPPQSPRVEEASPGRPSSVDTLLSPTALIDSILRESEPA ASVTALTDARGHTDTEGRPPSPPTSTPEKCLSVACLKDNELSDHLDAMDNDLNL QTMLSSHGFSVDTSALLDLFSPSVTPDMSLPDLSSLASIQELLSPQEPPRPPEAE NSSPDSGKQLVHYTAQPLFLLDPGSVDTGSNDLPVLFELGEGSYFSEGDFEAEDPTI

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SLLTGSEPPKAKDPTVS

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

[HSF1 heat shock transcription factor 1 \[ Homo sapiens \]](#)

**Official Symbol**

[HSF1](#)

**Synonyms**

HSF1; heat shock transcription factor 1; heat shock factor protein 1; HSTF1; HSF 1; HSTF 1;

**Gene ID**

[3297](#)

**mRNA Refseq**

[NM\\_005526](#)

**Protein Refseq**

[NP\\_005517](#)

**MIM**

[140580](#)

**UniProt ID**

[Q00613](#)

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