

Recombinant Human HSF1, His-tagged

Cat. No. HSF1-26697TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human phosphorylated HSF1 fused at the N-terminus to a His-tag. Amino acids 1-529 Mwt 70 kDa.
Species	Human
Source	E.coli
ProteinLength	529 amino acids
Description	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.
Conjugation	HIS
Molecular Weight	70.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Constituents:5% Glycerol, 99% Tris buffered saline
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence
Similarities

Belongs to the HSF family.

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;
Gene ID	3297
mRNA Refseq	NM_005526
Protein Refseq	NP_005517
MIM	140580
Uniprot ID	Q00613
Chromosome Location	8q24.3
Pathway	Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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