

Recombinant Human HSF1 Protein, GST-tagged

Cat. No. HSF1-5085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSF1 full-length ORF (AAH14638, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	83.82 kDa
AA Sequence	MDLPVGPGAAGPSNVPAFLTKLWTLVSDPDTDALICWSPSGNSFHVFDQGQFAKEV LPKYFKHNNMASFVRQLNMYGFRKVVHIEQGGLVKPERDDTEFQHPCFLRGQEQLL ENIKRKVTSVSTLKSEDIKIRQDSVTKLLTDVQLMKGKQECMDSKLLAMKHENEALW REVASLRQKHAQQQKVVNKLIQFLISLVQSNRILGVKRKIPLMLNDSGSAHSMPKYS RQFSLEHVHSGPYSPAYSSSSLYAPDAVASSGPIISDITELAPASPMASPGGSI DERPLSSSPLVRVKEEPPSPPPQSPRVEEASPGRPSSVDTLTLLSPTALIDSILRESEPA ASVTALTDARGHTDTEGRPPSPPTSTPEKCLSVACLDKNELSDHLDAMDNDNL QTMLSSHGFSVDTSALLDLFSPSVTPDMSLPDLSSLASIQELLSPQEPPRPPEAE NSSPDGKQLVHYTAQPLFLDPSVDTGSNDLPVLFELGEGSYFSEGDGFAEDPTI SLLTGSEPPKAKDPTVS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

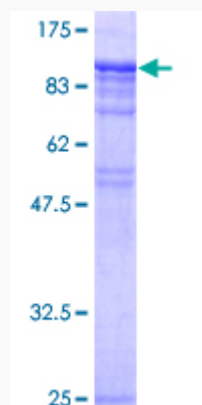
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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