

Recombinant Full Length Human HSF1 Protein, GST-tagged

Cat. No. HSF1-3887HF **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	In Vitro Cell Free System
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. [provided by RefSeq]
Molecular Mass	83.82 kDa
AA Sequence	MDLPVGPGAAGPSNVPAFLTKLWTLVSDPDTDALICWSPSGNSFHVFDQGQFAKEV LPKYFKHNNMASFVRQLNMYGFRKVVHIEQGGLVKPERDDTEFQHPCFLRGQEQLL ENIKRKVTSVSTLKSEDIKIRQDSVTKLLTDVQLMKGKQECMDSKLLAMKHENEALW REVASLRQKHAQQQKVVNKLIQFLISLVQSNRILGVKRKIPLMLNDSGSAHSMPKYS RQFSLEHVHVGSGPYSPAYSSSSLYAPDAVASSGPIISDITELAPASPMASPGGSI DERPLSSSPLVRVKEEPPSPPPQSPRVEEASPGRPSSVDTLTLLSPTALIDSILRESEAP ASVTALTDARGHTDTEGRPPSPPTSTPEKCLSVACLDKNELSDHLDAMDSNLDNL QTMLSSHGFSVDTSALLDLFSPSVTPDMSLPDLSSLASIQELLSPQEPPRPPEAE NSSPDGSGKQLVHYTAQPLFLDPSVDTGSNDLPVLFELGEGSYFSEGDGFAEDPTI

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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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