

Recombinant Human HSF2, His-tagged

Cat. No. HSF2-7713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Heat Shock Factor Protein 2/HSF2 is produced by our E. coli expression system. The target protein is expressed with sequence (Ser411Ser536) of Human HSF2 fused with a 6His tag at the Nterminus.
Species	Human
Source	E.coli
Description	Heat Shock Factor Protein 2 (HSF2) belongs to the HSF family of transcription factors that bind specifically to the heatshock promoter element and activate transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. HSF2 is 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.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 1mM DTT, pH 7.2
AA Sequence	MGSSHHHHHH SSGLVPRGSH MSENKGLETT KNNVVQPVSE EGRKSKSKPD KQLIQYTAFP LLAFLDGNP ASSVEQASTT ASSEVLSSVD KPIEVDELDD SSLDPEPTQS KLVRLPLETE A EASEATLF YLCELAPAPL DSDMPLLDLS*
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.

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Storage

Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C. for 2-7 days. Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION
Gene Name

HSF2 heat shock transcription factor 2 [Homo sapiens]

Official Symbol

HSF2

Synonyms

HSF2; heat shock transcription factor 2; heat shock factor protein 2; HSF 2; HSTF 2; MGC75048; MGC117376; MGC156196;

Gene ID

3298

mRNA Refseq

NM_001135564

Protein Refseq

NP_001129036

MIM

140581

UniProt ID

Q03933

**Chromosome
Location**

6q22

Function

protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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