

Recombinant Human HSF1 Protein, MYC/DDK-tagged

Cat. No. HSF1-2127H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human HSF1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293 |
| Species | Human |
| Source | HEK293 |
| Description | The product of this gene is a transcription factor that is rapidly induced after temperature stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which promotes binding by heat shock protein 90. [provided by RefSeq, Aug 2016]. |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 57.1 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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|------------------|---|
| Gene Name | HSF1 heat shock transcription factor 1 [Homo sapiens] |
|------------------|---|

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|------------------------|--------------|
| Official Symbol | HSF1 |
| Synonyms | HSTF1; HSTF1 |
| Gene ID | 3297 |
| mRNA Refseq | NM_005526 |
| Protein Refseq | NP_005517 |
| MIM | 140580 |
| UniProt ID | Q00613 |

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