

Recombinant Human HSF4 Protein, His-tagged

Cat. No. HSF4-716H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSF4, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	52.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	HSF4 heat shock transcription factor 4 [Homo sapiens]
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Official Symbol	HSF4
Synonyms	HSF4; heat shock transcription factor 4; cataract, Marner , CTM; heat shock factor protein 4; HSF 4; hHSF4; HSTF 4; CTM;
Gene ID	3299
mRNA Refseq	NM_001040667
Protein Refseq	NP_001035757
MIM	602438
UniProt ID	Q9ULV5

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