

Recombinant Human HSF4 cell lysate

Cat. No. HSF4-821HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HSF4 heat shock transcription factor 4 [Homo sapiens]
Official Symbol	HSF4
Synonyms	HSF4; heat shock transcription factor 4; cataract, Marner , CTM; heat shock factor protein 4; HSF 4; hHSF4; HSTF 4; CTM;

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Gene ID	3299
mRNA Refseq	NM_001040667
Protein Refseq	NP_001035757
MIM	602438
UniProt ID	Q9ULV5
Chromosome Location	16q21
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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