

Human HSF1 Knockdown Cell Lysate

Cat. No. HSF1-004HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated HSF1 Knockdown 293T Cell Lysate
Species	Human
Source	293T
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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	57 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type 293T cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT 293T cell lysate 1 vial of 100 µg HSF1 KD 293T cell lysate
Protein Families	Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	HSF1 heat shock transcription factor 1 [Homo sapiens (human)]
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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