

Human HSPA8 Knockdown Cell Lysate

Cat. No. HSPA8-006HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated HSPA8 Knockdown 293T Cell Lysate
Species	Human
Source	293T
Description	This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	71 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT 293T cell lysate 1 vial of 100 µg HSPA8 KD 293T cell lysate
Protein Families	Stem cell - Pluripotency
Protein Pathways	Antigen processing and presentation, Endocytosis, MAPK signaling pathway, Spliceosome
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	HSPA8 heat shock 70kDa protein 8 [Homo sapiens (human)]
Official Symbol	HSPA8
Synonyms	HSPA8; heat shock 70kDa protein 8; heat shock 70kD protein 8, HSPA10; heat shock cognate 71 kDa protein; HSC70; HSC71; HSP73; LPS-associated protein 1; heat shock 70kd protein 10; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71; LAP1; HSC54; HSP71; NIP71; HSPA10; MGC29929; MGC131511;
Gene ID	3312
mRNA Refseq	NM_006597
Protein Refseq	NP_006588

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MIM	600816
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UniProt ID	P11142
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