

Human HSPH1 Knockdown Cell Lysate

Cat. No. HSPH1-203HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated HSPH1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers.
Form	Cell-Tissue Lysis buffer
Molecular Mass	97 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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 HeLa cell lysate 1 vial of 100 µg HSPH1 KD HeLa cell lysate
Protein Families	Stem cell - Pluripotency
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	HSPH1 heat shock 105kDa/110kDa protein 1 [Homo sapiens (human)]
Official Symbol	HSPH1
Synonyms	HSPH1; heat shock 105kDa/110kDa protein 1; heat shock protein 105 kDa; HSP105A; HSP105B; KIAA0201; NY CO 25; antigen NY-CO-25; heat shock 105kD beta; heat shock 105kD alpha; heat shock 110 kDa protein; heat shock 105kDa protein 1; HSP105; NY-CO-25; DKFZp686M05240;
Gene ID	10808
mRNA Refseq	NM_006644
Protein Refseq	NP_006635
MIM	610703
UniProt ID	Q92598

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