

Human SAMHD1 Knockdown Cell Lysate

Cat. No. SAMHD1-423HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SAMHD1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome.
Form	Cell-Tissue Lysis buffer
Molecular Mass	72 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.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg SAMHD1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	SAMHD1 SAM domain and HD domain 1 [Homo sapiens (human)]
Official Symbol	SAMHD1
Synonyms	SAMHD1; SAM domain and HD domain 1; SAM domain and HD domain-containing protein 1; AGS5; Aicardi Goutieres syndrome 5; HD domain containing 1; HDDC1; Mg11; monocyte protein 5; MOP 5; SBBI88; dendritic cell-derived IFNG-induced protein; DCIP; CHBL2; MOP-5;
Gene ID	25939
mRNA Refseq	NM_015474
Protein Refseq	NP_056289
MIM	606754
UniProt ID	Q9Y3Z3

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