

Recombinant Human SAMHD1 Protein, Myc/DDK-tagged

Cat. No. SAMHD1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human SAM domain and HD domain 1 (SAMHD1) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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.
Molecular Mass	72 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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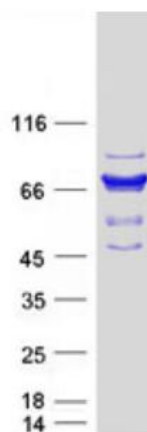
GENE INFORMATION

Gene Name	SAMHD1 SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1 [Homo sapiens (human)]
Official Symbol	SAMHD1
Synonyms	SAMHD1; SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1; DCIP; CHBL2; HDDC1; MOP-5; SBBI88; hSAMHD1; deoxynucleoside triphosphate triphosphohydrolase SAMHD1; SAM domain and HD domain 1; SAM domain and HD domain-containing protein 1; dNTPase; dendritic cell-derived IFNG-induced protein; monocyte protein 5; EC 3.1.5.-
Gene ID	25939
mRNA Refseq	NM_015474
Protein Refseq	NP_056289
MIM	606754
UniProt ID	Q9Y3Z3

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SDS-PAGE

Coomassie blue staining of purified SAMHD1 protein. The protein was produced from HEK293T cells transfected with SAMHD1 cDNA clone using MegaTran 2.0.

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