

Recombinant Human SAMSN1 293 Cell Lysate

Cat. No. SAMSN1-2070HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SAM domain, SH3 domain and nuclear localization signals 1 (SAMSN1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

[SAMS1 SAM domain, SH3 domain and nuclear localization signals 1 \[Homo sapiens \]](#)

Official Symbol

SAMS1

Synonyms

SAMS1; SAM domain, SH3 domain and nuclear localization signals 1; SAM domain-containing protein SAMS1-1; HACS1; hematopoietic adapter containing SH3 and sterile α motif (SAM) domains 1; NASH1; nuclear localization signals; SAM and SH3 domain containing 1; SAM and SH3 domain containing 2; SASH2; SH3D6B; SLy2; Src homology domain 3 (SH3) containing adapter protein SH3 lymphocyte protein 2; SH3-SAM adaptor protein; hematopoietic adaptor containing SH3 and SAM domains 1; SAM domain, SH3 domain and nuclear localisation signals, 1; nuclear localization signals, SAM and SH3 domain containing 1; SAM domain, SH3 domain and nuclear localization signals protein 1; hematopoietic adapter-containing SH3 and sterile alpha-motif (SAM) domains 1; hematopoietic adapter-containing SH3 and sterile and #945; -motif (SAM) domains 1; Src homology domain 3 (SH3)-containing adapter protein SH3 lymphocyte protein 2;

Gene ID

[64092](#)

mRNA Refseq

[NM_001256370](#)

Protein Refseq

[NP_001243299](#)

MIM

[607978](#)

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UniProt ID	Q9NSI8
Chromosome Location	21q11
Function	phosphotyrosine binding;

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