

Recombinant Human SAMSN1 293 Cell Lysate

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

SPECIFICATION

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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	SAMSN1 SAM domain, SH3 domain and nuclear localization signals 1 [Homo sapiens]
Official Symbol	SAMSN1
Synonyms	SAMSN1; SAM domain, SH3 domain and nuclear localization signals 1; SAM domain-containing protein SAMSN-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
UniProt ID	Q9NSI8

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Chromosome Location	21q11
Function	phosphotyrosine binding;

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