

Recombinant Human SART1 293 Cell Lysate

Cat. No. SART1-2059HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for squamous cell carcinoma antigen recognized by T cells (SART1) 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	SART1 squamous cell carcinoma antigen recognized by T cells [Homo sapiens]
Official Symbol	SART1
Synonyms	SART1; squamous cell carcinoma antigen recognized; squamous cell carcinoma antigen recognised by T cells; U4/U6.U5 tri-snRNP-associated protein 1; Ara1; small nuclear ribonucleoprotein 110kDa (U4/U6.U5); SNRNP110; Snu66; SART-1; hSnu66; hSART-1; SNU66 homolog; IgE autoantigen; SART1(259) protein; SART1(800) protein; U4/U6.U5 tri-snRNP-associated 110 kDa protein; squamous cell carcinoma antigen recognized by T cells 1; squamous cell carcinoma antigen recognized by T-cells 1; HOMS1; SART1259; MGC2038;
Gene ID	9092
mRNA Refseq	NM_005146
Protein Refseq	NP_005137
MIM	605941
UniProt ID	O43290
Chromosome Location	11q13.1
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem;

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Function

molecular_function; protein binding;

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