

Recombinant Human SMARCE1 293 Cell Lysate

Cat. No. SMARCE1-1667HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 (SMARCE1) 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

SMARCE1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 [Homo sapiens]

Official Symbol

SMARCE1

Synonyms

SMARCE1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1; BAF57; BRG1-associated factor 57; chromatin remodeling complex BRG1-associated factor 57; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin e1; FLJ35648;

Gene ID

6605

mRNA Refseq

NM_003079

Protein Refseq

NP_003070

MIM

603111

UniProt ID

Q969G3

Chromosome Location

17q21.2

Pathway

Regulation of Androgen receptor activity, organism-specific biosystem; TNF-

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alpha/NF-kB Signaling Pathway, organism-specific biosystem;

Function

DNA binding; N-acetyltransferase activity; chromatin binding; ligand-dependent nuclear receptor binding; protein N-terminus binding; protein binding; transcription coactivator activity;

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