

Recombinant Human SMARCB1 cell lysate

Cat. No. SMARCB1-1647HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Two transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SMARCB1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1 [Homo sapiens]
Official Symbol	SMARCB1

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Synonyms	SMARCB1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1; SNF5L1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1; BAF47; hSNFS; Ini1; integrase interactor 1; malignant rhabdoid tumor suppressor; RDT; Sfh1p; Snr1; sucrose nonfermenting; yeast; homolog like 1; hSNF5; SNF5 homolog; BRG1-associated factor 47; integrase interactor 1 protein; sucrose nonfermenting, yeast, homolog-like 1; INI1; SNF5; RTPS1;
Gene ID	6598
mRNA Refseq	NM_001007468
Protein Refseq	NP_001007469
MIM	601607
UniProt ID	Q12824
Chromosome Location	22q11.23
Pathway	Regulation of retinoblastoma protein, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	Tat protein binding; p53 binding; protein binding; transcription coactivator activity; transcription coactivator activity;