



Human SMARCB1 peptide (DAG-P1974)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the SNF5 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SMARCB1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1 [Homo sapiens (human)]
Official Symbol	SMARCB1
Synonyms	SMARCB1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1; RDT; INI1; SNF5; Snr1; BAF47; MRD15; RTPS1; Sfh1p; hSNFS; SNF5L1; SWNTS1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1; hSNF5; SNF5 homolog; BRG1-associated factor 47; integrase

interactor 1 protein; malignant rhabdoid tumor suppressor; SWI/SNF-related matrix-associated protein; sucrose nonfermenting, yeast, homolog-like 1;

Entrez Gene ID	6598
mRNA Refseq	NM_001007468.1
Protein Refseq	NP_001007469.1
UniProt ID	Q12824
Chromosome Location	22q11.23; 22q11
Pathway	Regulation of retinoblastoma protein, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	contributes_to RNA polymerase II core promoter proximal region sequence-specific DNA binding; contributes_to RNA polymerase II distal enhancer sequence-specific DNA binding; Tat protein binding; contributes_to nucleosomal DNA binding; p53 binding; protein