Recombinant Human SMARCB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMARCB1-6177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMARCB1 MS Standard C13 and N15-labeled recombinant protein (NP_001007469) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	43.2 kDa
AA Sequence	MMMMALSKTFGQKPVKFQLEDDGEFYMIGSEVGNYLRMFRGSLYKRYPSLWRRLA TVEERKKIVASSHDHGYTTLATSVTLLKASEVEEILDGNDEKYKAVSISTEPPTYLREQ KAKRNSQWVPTLPNSSHHLDAVPCSTTINRNRMGRDKKRTFPLCFDDHDPAVIHEN ASQPEVLVPIRLDMEIDGQKLRDAFTWNMNEKLMTPEMFSEILCDDLDLNPLTFVPAI ASAIRQQIESYPTDSILEDQSDQRVIIKLNIHVGNISLVDQFEWDMSEKENSPEKFALK LCSELGLGGEFVTTIAYSIRGQLSWHQKTYAFSENPLPTVEIAIRNTGDADQWCPLLE TLTDAEMEKKIRDQDRNTRRMRRLANTAPAWTRTRPLEQKLISEEDLAANDILDYKD

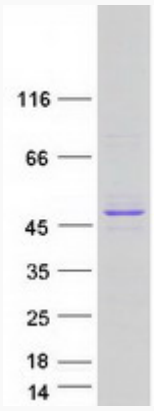
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	DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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; 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

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Protein Refseq	NP_001007469
MIM	601607
UniProt ID	Q12824
SDS-PAGE	

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