

Product datasheet for PH317885

SNF5 (SMARCB1) (NM_001007468) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMARCB1 MS Standard C13 and N15-labeled recombinant protein (NP_001007469)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217885
Predicted MW:	43.2 kDa
Protein Sequence:	>RC217885 protein sequence Red=Cloning site Green=Tags(s)

MMMLSKTFGQKPVKVFQLEDDGEFYMIGSEVGNLYRMFRGSLYKRYPSLWRRLATVEERKKIVASSHDH
GYTTLATSVTLLKASEVEEILDGNDEKYKAVSISTEPPTYLREQKAKRNSQWVPTLPNSSHHLDAVPCST
TINRNRMRGDKKRTFPLCFDDHDPVAVIHENASQPEVLVPIRLDMEIDGQKLRDAFTWNMNEKLMTPMF
EILCDDLNLNPLTFVPAIASAIRQQIESYPTDSILEDQSDQRVIKLNHVGNISLVDQFEWDMSEKENS
PEKFALKLCELGLGGEFVTTIAYSIRGQLSWHQKTYAFSENPLPTVEIAIRNTGDADQWCPLLETLTDA
EMEKKIRDQDRNTRMRRLANTAPAW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001007469</u>
RefSeq Size:	1690
RefSeq ORF:	1128
Synonyms:	BAF47; CSS3; hSNFS; INI1; MRD15; PPP1R144; RDT; RTPS1; Sfh1p; SNF5; SNF5L1; Snr1; SWNTS1



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Locus ID: 6598

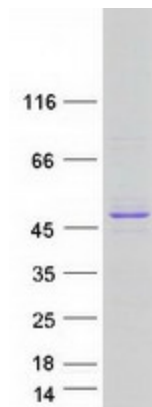
UniProt ID: [Q12824](#)

Cytogenetics: 22q11

Summary: 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. [provided by RefSeq, Dec 2015]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SMARCB1 protein (Cat# [TP317885]). The protein was produced from HEK293T cells transfected with SMARCB1 cDNA clone (Cat# [RC217885]) using MegaTran 2.0 (Cat# [TT210002]).