

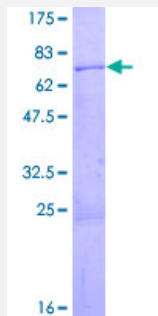
Full-Length

SMARCB1 (Human) Recombinant Protein (P01)

Catalog # H00006598-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SMARCB1 full-length ORF (NP_003064.2, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMMMALSKTFGQKPVKFQLEDDGEFYMGSEVGNYLRMFRGSLYKRYPSLWRRLATVEERKKIV
ASSHGKKTKPNTKDHGYTTLATSVTLKASEVEEILDGNDEKYKAVSISTEPPTYLREQKAKRNSQ
WVPTLPNSSHHLDVPCSTTINRNMGRDKKRTFPLCFDDHDPVIAHENASQPEVLVPIRLDMEI
DGQKLDAFTWNMNEKLMTPEMFSEILCDDLNLNPLTFVPAIASAIRQQIESYPTDSILEDQSDQR
VILKLNHVGNISLVDQFEWDMSEKENSPEKFALKLCSELGLGGEFVTIAYSIRGQLSWHQKTYAF
SENPLPTVEIAIRNTGDADQWCPLLETLTDAEMEKKIRDQDRNTRMRRLANTAPAW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SMARCB1

Entrez GeneID	6598
GeneBank Accession#	NM_003073.3
Protein Accession#	NP_003064.2
Gene Name	SMARCB1
Gene Alias	BAF47, INI1, RDT, SNF5, SNF5L1, Sfh1p, Snr1, hSNFS
Gene Description	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1
Omim ID	601607
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is part of a complex that relieves repressive chromatin structure, 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]
Other Designations	integrase interactor 1 malignant rhabdoid tumor suppressor sucrose nonfermenting, yeast, homolog-like 1

Disease

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