

Recombinant Human SMARCA4, GST-tagged

Cat. No. SMARCA4-2804H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	207-298aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SMARCA4 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 [Homo sapiens]
Official Symbol	SMARCA4
Synonyms	SMARCA4; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4; SNF2L4; transcription activator BRG1; ATP dependent helicase SMARCA4; BAF190; brahma protein like 1; BRG1; BRM/SWI2

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related gene 1; FLJ39786; global transcription activator homologous sequence; homeotic gene regulator; hSNF2b; mitotic growth and transcription activator; nuclear protein GRB1; SNF2; SNF2 BETA; SNF2 like 4; SNF2LB; sucrose nonfermenting like 4; SWI2; BAF190A; SNF2-like 4; protein BRG-1; brahma protein-like 1; BRM/SWI2-related gene 1; protein brahma homolog 1; BRG1-associated factor 190A; sucrose nonfermenting-like 4; ATP-dependent helicase SMARCA4; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 4; RTPS2; SNF2-BETA;

Gene ID [6597](#)

mRNA Refseq [NM_001128844](#)

Protein Refseq [NP_001122316](#)

MIM [603254](#)

UniProt ID [P51532](#)

Chromosome Location 19p13.3

Pathway Direct p53 effectors, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; Regulation of retinob

Function ATP binding; DNA binding; DNA-dependent ATPase activity; Tat protein binding; androgen receptor binding; helicase activity; histone acetyl-lysine binding; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; nucleotide bindi

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