

# Recombinant Human SMARCA4 protein, MBP&His-Avi-tagged, Biotinylated

**Cat. No.** SMARCA4-4533H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human SMARCA4 protein(P51532)(700-1246aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	700-1246aa
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	110.6 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

EVDARHIIENAKQDVDDEYGVSQLARGLQSYAVAHAVTERVVKQSALMVNGVLK  
 QYQIKGLEWLVS LYNNLNGLADEMGLGKTIQTIALITYLMEHKRINGPFLIIVPLSTLS  
 NWAYEFDKWAPSVVKVSYKGS PAARRAFV PQLRSGKFNVL LTTYEYIIKDKHILAKIR  
 WKYMIVDEGHRMKNHHCKLTQVLNTHYVAPRRLLLTGTPLQNKLP ELWALLN FLLPT  
 IFKSCSTFEQWFNAPFAMTGEKVDLNEEETILIIRRLHKVLRPFLRLKKEVEAQLPE  
 KVEYVIKCDMSALQRVLYRHMQA KGVLLTDGSEKDKKGGTKTLMNTIMQLRKIC  
 NHPYMFQHIIEESFSEHLGFTGGIVQGLDLYRASGKFELLDRLPKLRATNHKVLLFCQ  
 MTSLMTIMEDYFAYRGFKYLRLDGT TKAEDRGMLLKT FNEPGSEYFIFLLSTRAGGL  
 GLNLQSADTVIIFDSDWNPHQDLQAQDRAHRIGQQNEVRVLR LCTVNSVEEKILAAA  
 KYKLNVDQKVIQAGMFDQKSSSHERRAF

**Conjugation**

Biotin

## 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 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-

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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](#)

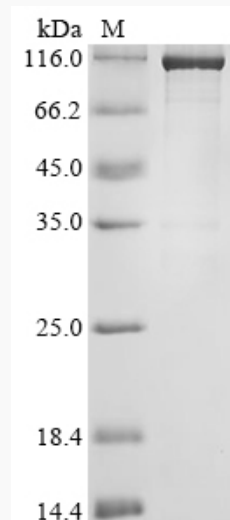
**mRNA Refseq** [NM\\_001128844](#)

**Protein Refseq** [NP\\_001122316](#)

**MIM** [603254](#)

**UniProt ID** [P51532](#)

**SDS-PAGE**



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