

Recombinant Human SMARCA4 protein(700-1246aa), MBP&His-Avi-tagged

Cat. No. SMARCA4-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA4 protein(700-1246aa)(P51532), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	700-1246aa
Form	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.
Molecular Mass	110.6 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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 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.

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AA Sequence

EVDARHIIENAKQDQDDEYGVSQLARGLQSYAVAHAVTERVDKQSALMVNGVLK
 QYQIKGLEWLVSLYNNNLNGILADEMGLGKTIQTIALITYLMEHKRINGPFLIIVPLSTLS
 NWAYEFDKWAPSVVKVSYKGSPAARRAFVPQLRSGKFNVLLTTYEYIIKDKHILAKIR
 WKYMIVDEGHRMKNHHCKLTQVLNTHYVAPRRLLLTGTPLQNKLPWALLNLLPT
 IFKSCSTFEQWFNAPFAMTGEKVDLNEEETILIIRRLHKVLRPFLRLKKEVEAQLPE
 KVEYVIKCDMSALQRVLYRHMQAQGVLLTDGSEKDKKGKGGTKTLMNTIMQLRKIC
 NHPYMFQHIEESFSEHLGFTGGIVQGLDLYRASGKFELLDRLPKLRATNHKVLLFCQ
 MTSLMTIMEDYFAYRGFKYLRLDGTTKAEDRGMLLKTFNEPGSEYFIFLLSTRAGGL
 GLNLQSADTVIIFDSDWNPHQDLQAQDRAHRIGQQNEVRVLRRLCTVNSVEEKILAAA
 KYKLNVDQKVIQAGMFDQKSSSHERRAF

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-
 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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