

Recombinant Human SMARCA2 Protein, His-tagged, Biotinylated

Cat. No. SMARCA2-194HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA2 protein, fused with N-terminal His-tag, was expressed in E. coli. The purified recombinant protein was labeled with Biotin.
Species	Human
Source	E.coli
ProteinLength	1367-1511 aa
Description	The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism.
Form	25 mM HEPES pH 7.5, 150 mM NaCl, 5% glycerol (v/v).
Molecular Mass	19.6 kDa
Purity	≥90% (SDS-PAGE)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.
Concentration	0.65 mg/ml
Conjugation	Biotin

GENE INFORMATION

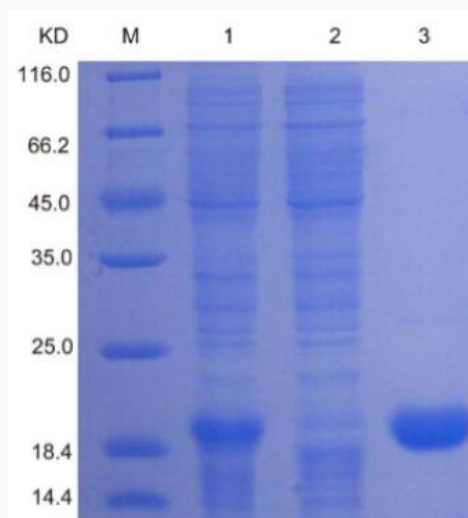
Gene Name	SMARCA2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 [Homo sapiens (human)]
Official Symbol	SMARCA2
Synonyms	BIS; BRM; SNF2; SWI2; hBRM; NCBRS; Sth1p; BAF190; SNF2L2; SNF2LA; hSNF2a
Gene ID	6595
mRNA Refseq	NM_139045.4
Protein Refseq	NP_620614.2
MIM	600014
UniProt ID	P51531

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SDS-PAGE



SDS-PAGE of SMARCA2-His fusion protein.

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