

Recombinant Human SMARCA2 protein, His-tagged

Cat. No. SMARCA2-2657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA2 protein(1-272 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-272 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSTPTDPGAMPHPGPSPGPGSPGPILGPSPGPGSPGSVHSMMGPSGPPSVS HPMPTMGSTDFPQEGMHQMHKPIDGIHDKGIVEDIHCGSMKGTGMRPPHPGMGPP QSPMDQHSQGYMSPHPSPLGAPEHVSSPMSGGGTPPQMPPSQPGALIPGDPQA MSQPNRGPSPFSPVQLHQLRAQILAYKMLARGQPLPETLQLAVQGKRTLPLGLQQQ QQQQQQQQQQQQQQQQQQQQPPQPQTQQQQQPALVNYNRPSGPGPEL SGP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 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

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

SMARCA2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 [Homo sapiens]

Official Symbol

SMARCA2

Synonyms

SMARCA2; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2; SNF2L2; probable global transcription activator SNF2L2; BAF190; BRM; hBRM; hSNF2a; SNF2; SNF2LA; Sth1p; SWI2; BAF190B; SNF2-alpha; protein brahma homolog; SNF2/SWI2-like protein 2; BRG1-associated factor 190B; ATP-dependent helicase SMARCA2; sucrose nonfermenting 2-like protein 2; global transcription activator homologous sequence; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a2; FLJ36757; MGC74511;

Gene ID

6595

mRNA Refseq

NM_003070

Protein Refseq

NP_003061

MIM

600014

UniProt ID

P51531

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