

Recombinant Human SMARCAL1 protein, His-tagged

Cat. No. SMARCAL1-2674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCAL1 protein(605-954 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	605-954 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	FHAFGLRYCDAKRMPWGWWDYSGSSNLGELKLLLEEAVMLRRLKSDVLSQLPAKQR KIVVIAPGRINARTRAALDAAKEMTTKDKTKQQQKDALILFFNRTAEAKIPSVIEYILD LLESGREKFLVFAHHKVVLDAITQELERKHVQHIRIDGSTSSAEREDLCQQFQLSERH AVAVLSITAANMGLTFSSADLVVFAELFWNPGVLIQAEDRVHRIGQTSSVGIHYLVAK GTADDYLWPLIQEKIKVLAEAGLSETNFSEMTESTDYLYKDPKQQKIYDLFQKSFEKE GSDMELLEAAESFDPGSASGTSGSSSQNMGDTLDESSLTASPQKKRRFEFFDNWD SFTSPL
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/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

SMARCAL1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1 [Homo sapiens]

Official Symbol

SMARCAL1

Synonyms

SMARCAL1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1; ATP driven annealing helicase; HARP; HepA related protein; HHARP; HepA-related protein; SMARCA-like protein 1; ATP-driven annealing helicase; sucrose nonfermenting protein 2-like 1;

Gene ID

50485

mRNA Refseq

NM_001127207

Protein Refseq

NP_001120679

MIM

606622

UniProt ID

Q9NZC9

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