

Recombinant Human SMARCAL1 Protein, His-tagged

Cat. No. SMARCAL1-23H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of Human SMARCAL1, transcript variant 1, full length, with N-terminal His tag, was expressed in E. coli
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the SWI/SNF family of proteins. 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 shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency.
Molecular Mass	106.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	50mM Tris, pH8.0, 8M Urea.
Full Length	Full L.

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GENE INFORMATION

Gene Name	SMARCAL1
Official Symbol	SMARCAL1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a like 1 [Homo sapiens (human)]
Synonyms	SMARCAL1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a like 1; HARP; HHARP;
Gene ID	50485
mRNA Refseq	NM_014140
Protein Refseq	NP_054859
MIM	606622
UniProt ID	Q9NZC9

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