

## Recombinant Human SMARCA5 Protein, FLAG/6His-tagged

Cat. No. SMARCA5-01H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length human SMARCA5 protein with FLAG-6His-tag was expressed in SF9 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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 protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. |
| <b>Molecular Mass</b>   | 123.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Stable for six months -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | 0.308 µM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | 25 mM HEPES pH 7.6, 0.1 mM EDTA, 10% glycerol, 200 mM NaCl, 1 mM DTT, 0.4 mM PMSF, 1 mM benzamidine, 0.02% NP-40, 0.4 mg/mL insulin.                                                                                                                                                                                                                                                                                                                                                                                                         |

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**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

SMARCA5 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 [ Homo sapiens (human) ]

**Official Symbol**

SMARCA5

**Synonyms**

SMARCA5; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5; ISWI; SNF2H; hISWI; hSNF2H; WCRF135; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5; sucrose nonfermenting protein 2 homolog; sucrose nonfermenting-like 5

**Gene ID**

8467

**mRNA Refseq**

NM\_003601

**Protein Refseq**

NP\_003592

**MIM**

603375

**UniProt ID**

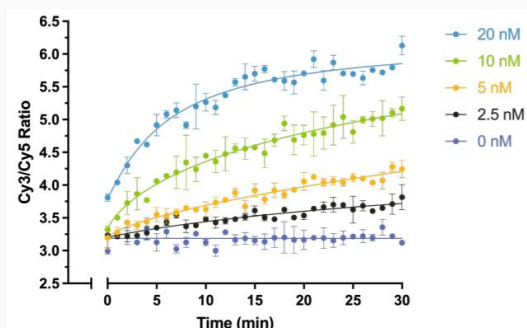
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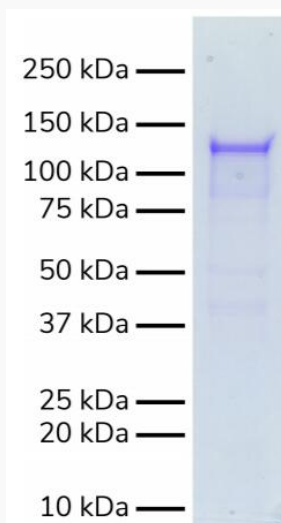
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# ATP-dependent chromatin remodeling assay



# Protein gel data



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