

## Recombinant Human SMARCA2 Protein, His-tagged

Cat. No. SMARCA2-196H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SMARCA2 protein, fused with N-terminal His-tag, was expressed in E. coli.                   |
| Species          | Human                                                                                                         |
| Source           | E.coli                                                                                                        |
| ProteinLength    | 1367-1493                                                                                                     |
| Form             | 50 mM Tris HCl, pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v)                                            |
| Molecular Mass   | 17.6 kDa                                                                                                      |
| Purity           | >90% by SDS-PAGE                                                                                              |
| Storage          | Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles. |

### GENE INFORMATION

|                 |                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | SMARCA2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 [ Homo sapiens ] |
| Official Symbol | SMARCA2                                                                                                                    |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | 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 h |
| <b>Gene ID</b>             | <a href="#">6595</a>                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | <a href="#">NM_003070</a>                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_003061</a>                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | <a href="#">600014</a>                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | <a href="#">P51531</a>                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 9p24.3                                                                                                                                                                                                                                                          |
| <b>Pathway</b>             | C-MYB transcription factor network, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem;                                                          |
| <b>Function</b>            | ATP binding; DNA binding; DNA-dependent ATPase activity; RNA polymerase II transcription coactivator activity; helicase activity; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; nucleotide binding; protein binding; tran |