

## Recombinant Human ARID3B, GST-tagged

**Cat. No.** ARID3B-9843H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b> | Recombinant Human ARID3B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 208-562a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | <p>This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. The encoded protein is homologous with two proteins that bind to the retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 exists for this gene.</p> <p>Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification.</p> |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                                                                                                                           |

### GENE INFORMATION

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|                            |                                                                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | ARID3B AT rich interactive domain 3B (BRIGHT-like) [ Homo sapiens ]                                                                                                                                                                                                                                   |
| <b>Official Symbol</b>     | ARID3B                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>            | ARID3B; AT rich interactive domain 3B (BRIGHT-like); AT rich interactive domain 3B (BRIGHT like); AT-rich interactive domain-containing protein 3B; BDP; DRIL2; bright-like protein; bright and dead ringer protein; ARID domain-containing protein 3B; AT rich interactive domain 3B (BRIGHT- like); |
| <b>Gene ID</b>             | 10620                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | NM_006465                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>      | NP_006456                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>                 | 612457                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>          | Q8IVW6                                                                                                                                                                                                                                                                                                |
| <b>Chromosome Location</b> | 15q24                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>            | DNA binding;                                                                                                                                                                                                                                                                                          |

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