

## Recombinant Human SMR3B protein, His-tagged

**Cat. No.** SMR3B-1100H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SMR3B protein(NP_006676.1) (Met1-Pro79) was expressed in HEK293 with a C-terminal polyhistidine tag.                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-79 aa                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                        |
| <b>Molecular Mass</b>   | The recombinant human SMR3B comprises 68 amino acids and has a predicted molecular mass of 7.3 kDa. The apparent molecular mass of the protein is approximately 8 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                              |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                |

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## GENE INFORMATION

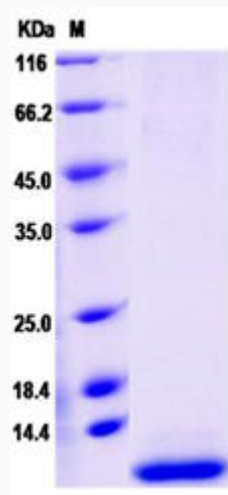
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SMR3B submaxillary gland androgen regulated protein 3B [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | SMR3B                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | SMR3B; submaxillary gland androgen regulated protein 3B; PROL3, proline rich 3, submaxillary gland androgen regulated protein 3 homolog B (mouse); submaxillary gland androgen-regulated protein 3B; P B; PRL3; proline rich 3; proline-rich protein 3; proline-rich peptide P-B; salivary proline-rich protein; submaxillary gland androgen regulated protein 3 homolog B; P-B; PBII; PROL3; SMR1B; MGC104379; |
| <b>Gene ID</b>         | 10879                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_006685                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_006676                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 611593                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | P02814                                                                                                                                                                                                                                                                                                                                                                                                          |

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SDS-PAGE



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