

## Recombinant Mouse Sox18 Protein, Myc/DDK-tagged

**Cat. No.** Sox18-6053M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length SRY (sex determining region Y)-box 18 (Sox18), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                    |
| <b>Description</b>      | Binds to the consensus sequence 5'-AACAAAG-3' and is able to trans-activate transcription via this site.                                                  |
| <b>Molecular Mass</b>   | 41.3 kDa                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                               |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.             |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                            |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                          |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                     |

### GENE INFORMATION

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|                        |                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Sox18 SRY (sex determining region Y)-box 18 [ Mus musculus (house mouse) ]                                                                                        |
| <b>Official Symbol</b> | Sox18                                                                                                                                                             |
| <b>Synonyms</b>        | Sox18; SRY (sex determining region Y)-box 18; R; Ra; Ragl; A1385749; transcription factor SOX-18; SRY-box containing gene 18; Sry-related HMG-box gene 18; ragged |
| <b>Gene ID</b>         | 20672                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_009236                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_033262                                                                                                                                                         |
| <b>UniProt ID</b>      | P43680                                                                                                                                                            |

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