

## Recombinant Mouse Sar1b Protein, Myc/DDK-tagged

Cat. No. Sar1b-5689M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length secretion associated Ras related GTPase 1B (Sar1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Involved in transport from the endoplasmic reticulum to the Golgi apparatus. Activated by the guanine nucleotide exchange factor PREB. Involved in the selection of the protein cargo and the assembly of the COPII coat complex. |
| <b>Molecular Mass</b>   | 22.4 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>       | Sar1b secretion associated Ras related GTPase 1B [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Sar1b   |
| <b>Synonyms</b>        | Sar1b; secretion associated Ras related GTPase 1B; S; CMRD; Sarb; Sara2; Sara1b; 2310075M17Rik; 2900019I22Rik; GTP-binding protein SAR1b; SAR1 gene homolog B; SAR1a gene homolog 2; SAR1b gene homolog |
| <b>Gene ID</b>         | 66397   |
| <b>mRNA Refseq</b>     | NM_025535   |
| <b>Protein Refseq</b>  | NP_079811   |
| <b>UniProt ID</b>      | Q9CQC9  |

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