

## Recombinant Mouse Sil1 Protein, Myc/DDK-tagged

Cat. No. Sil1-5880M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length endoplasmic reticulum chaperone SIL1 homolog ( <i>S. cerevisiae</i> ) (Sil1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                   |
| <b>Description</b>      | Required for protein translocation and folding in the endoplasmic reticulum (ER). Functions as a nucleotide exchange factor for the ER luminal chaperone HSPA5.                          |
| <b>Molecular Mass</b>   | 52.4 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>       | Sil1 endoplasmic reticulum chaperone SIL1 homolog (S. cerevisiae) [ Mus musculus (house mouse) ]                                 |
| <b>Official Symbol</b> | <a href="#">Sil1</a>                                                                                                             |
| <b>Synonyms</b>        | SIL1; endoplasmic reticulum chaperone SIL1 homolog (S. cerevisiae); nucleotide exchange factor SIL1; wz; AI042831; 1810057E01Rik |
| <b>Gene ID</b>         | <a href="#">81500</a>                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_030749</a>                                                                                                        |
| <b>Protein Refseq</b>  | <a href="#">NP_109674</a>                                                                                                        |
| <b>UniProt ID</b>      | <a href="#">Q9EPK6</a>                                                                                                           |

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