

# Recombinant Mouse Sp100 Protein, His-tagged

**Cat. No.** Sp100-463M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Sp100(Thr261~Lys465) fused with His tag at N-terminal was expressed in E. coli.                   |
| <b>Species</b>          | Mouse                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                              |
| <b>ProteinLength</b>    | Thr261~Lys465                                                                                                       |
| <b>Description</b>      | Sp100 played an important role in many functions.                                                                   |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                             |
| <b>Molecular Mass</b>   | 27.2kDa                                                                                                             |
| <b>Identity</b>         | Reconstitute in PBS or others                                                                                       |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                        |
| <b>Purity</b>           | > 95%                                                                                                               |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                |

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS or others

## GENE INFORMATION

**Gene Name**

Sp100 nuclear antigen Sp100 [ *Mus musculus* ]

**Official Symbol**

Sp100

**Synonyms**

SP100; nuclear antigen Sp100; nuclear autoantigen Sp-100; speckled 100 kDa; nuclear dot-associated Sp100 protein; A430075G10Rik;

**Gene ID**

20684

**mRNA Refseq**

NM\_013673

**Protein Refseq**

NP\_038701

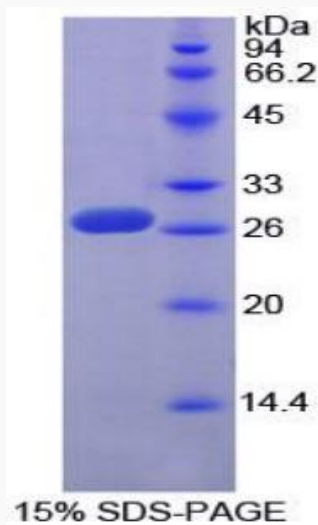
**UniProt ID**

O35892

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