

# Recombinant Mouse Serpina7 Protein, His/GST-tagged

**Cat. No.** Serpina7-419M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Serpina7(Gln38~Leu274) fused with His/GST tag at N-terminal was expressed in E. coli.             |
| <b>Species</b>          | Mouse                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                              |
| <b>ProteinLength</b>    | Gln38~Leu274                                                                                                        |
| <b>Description</b>      | Serpina7 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>   | 56.83kDa                                                                                                            |
| <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**

Serpina7 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7 [ *Mus musculus* ]

**Official Symbol**

Serpina7

**Synonyms**

SERPINA7; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; thyroxine-binding globulin; serpin A7; T4-binding globulin; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antipeptidase, antitrypsin), member 7; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; Tbg; C730040N12Rik;

**Gene ID**

331535

**mRNA Refseq**

NM\_177920

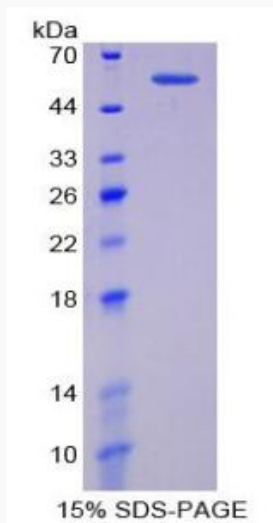
**Protein Refseq**

NP\_808588

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