

## Recombinant Mouse Serpinb5 protein

**Cat. No.** Serpinb5-5083M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Serpinb5 protein(P70124)(1-375 aa) was expressed in Baculovirus.                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-375 aa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AASequence</b>       | MDALRLANSFAVDLFLKQLCERDPAGNILFSPICLSTSLSLAQVGTKGDTANEIGQVL<br>HF ENVKDVPFGFQTVTSDVNKLSSFYSLKLVKRLYIDKSLNPSTEFISSTKRPYAKEL<br>ETVD FKDKLEETKGQINSSIKELTDGHFEDILSENSISDQTKILVVNAAAYFVGKWMKK<br>FPESET KECPFRIKSTDTKPVQMMNLEATFCLGNIDDISCKIIELPFQNKHLSMLIVLP<br>KDVEDES TGLEKIEQQLNPETLLQWTNPSTMANAKVKLSLPKFKVEKMIDPKASLES<br>LGLKSLFNES TSDFSGMSETKGVSLSNVIHRVCLEITEDGGESIEVPGSRILQHKDEF<br>NADHPFIYIIRH NKTRNIIFFGKFCSP |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                         |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the                                                                                                                                                                                                                                                                                                                                       |

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contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** [Serpib5 serine \(or cysteine\) peptidase inhibitor, clade B, member 5 \[ Mus musculus \]](#)

**Official Symbol** [Serpib5](#)

**Synonyms** SERPINB5; serine (or cysteine) peptidase inhibitor, clade B, member 5; serpin B5; protease inhibitor 5; peptidase inhibitor 5; serine protease inhibitor 7; serine (or cysteine) proteinase inhibitor, clade B, member 5; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5; PI-5; Spi7; Maspin; AI462524; AI646751; ovalbumin; 1110036M19Rik;

**Gene ID** [20724](#)

**mRNA Refseq** [NM\\_009257](#)

**Protein Refseq** [NP\\_033283](#)

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