

Recombinant Mouse Serpinb5 Protein, Myc/DDK-tagged

Cat. No. Serpinb5-5789M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine (or cysteine) peptidase inhibitor, clade B, member 5 (Serpib5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
Molecular Mass	42.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Serpinb5 serine (or cysteine) peptidase inhibitor, clade B, member 5 [Mus musculus (house mouse)]
Official Symbol	Serpinb5
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
UniProt ID	P70124

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