

Recombinant Mouse Serpine2 Protein, Myc/DDK-tagged

Cat. No. Serpine2-5791M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine (or cysteine) peptidase inhibitor, clade E, member 2 (Serpine2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.
Molecular Mass	44.2 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.

GENE INFORMATION

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Gene Name	Serpine2 serine (or cysteine) peptidase inhibitor, clade E, member 2 [Mus musculus (house mouse)]
Official Symbol	Serpine2
Synonyms	Serpine2; serine (or cysteine) peptidase inhibitor, clade E, member 2; P; S; PN; ne; PI7; PI-7; PN-1; Spi4; PAI-1; B230326M24Rik; glia-derived nexin; GDN; peptidase inhibitor 7; protease nexin 1; protease nexin I; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; serine (or cysteine) proteinase inhibitor, clade E, member 2; serine protease-inhibitor 4; serpin E2
Gene ID	20720
mRNA Refseq	NM_009255
Protein Refseq	NP_033281
UniProt ID	Q07235