

Recombinant Mouse Serping1 Protein, MYC/DDK-tagged

Cat. No. Serping1-729M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse serine (or cysteine) peptidase inhibitor, clade G, member 1 (Serping1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. May inhibit chymotrypsin and kallikrein.
Molecular Mass	56 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Serping1 serine (or cysteine) peptidase inhibitor, clade G, member 1 [Mus musculus (house mouse)]

Official Symbol Serping1

Synonyms Serping1; serine (or cysteine) peptidase inhibitor, clade G, member 1; C1nh; C1INH; plasma protease C1 inhibitor; C1 Inh; C1 esterase inhibitor; C1 inhibitor; C1-inhibiting factor; complement component 1 inhibitor; serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1; serine (or cysteine) proteinase inhibitor, clade G, member 1; serpin G1

Gene ID 12258

mRNA Refseq NM_009776

Protein Refseq NP_033906

UniProt ID P97290

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