

Recombinant Mouse Serpinf2, His-tagged

Cat. No. Serpinf2-27M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpinf2 with a His-tag is expressed in <i>Insect cell culture</i> . MW= 65,000 Da.
Species	Mouse
Source	Insect Cells
Description	Serpins are the largest and most diverse family of serine protease inhibitors which are involved in a number of fundamental biological processes such as blood coagulation, complement activation, fibrinolysis, angiogenesis, inflammation and tumor suppression and are expressed in a cell-specific manner. Over 1000 serpins have been identified including 36 human proteins. As a member of the Serpin superfamily and the primary physiological inhibitor of the serine protease plasmin, Serpin F2 is responsible for the dissolution of fibrin clots. Serpin F2 is mainly expressed by liver and kidney, while other tissues such as muscle, intestine, central nervous system, and placenta also express this protein at a moderate level.
Form	Frozen liquid.
Buffer	0.1M Tris-HCl; 0.15M NaCl; pH 7.4.
Concentration	5 mg/ml.
Aliquot	1 x 0.1 mg.

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Shipping Conditions Dry ice.

Storage Store at -70°C.

GENE INFORMATION

Gene Name Serpinf2 serine (or cysteine) peptidase inhibitor, clade F, member 2 [*Mus musculus*]

Synonyms Serpinf2; serine (or cysteine) peptidase inhibitor, clade F, member 2; PlI; AI747498; Serpimf2; alpha 2 antiplasmin

Gene ID 18816

mRNA Refseq NM_008878

Protein Refseq NP_032904

UniProt ID Q61247

Chromosome Location 11 B5

Pathway Complement and coagulation cascades

Function peptidase inhibitor activity; serine-type endopeptidase inhibitor activity

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