

Recombinant Rat SERPINA1 Protein, His-tagged

Cat. No. SERPINA1-1119R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat SERPINA1 (NP_071964.2) (Met1-Arg411) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-411 a.a.
Predicted N Terminal	Glu 25
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat SERPINA1 consists 398 amino acids and predicts a molecular mass of 45.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Serpina1 serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 [*Rattus norvegicus*]

Official Symbol

[SERPINA1](#)

Synonyms

SERPINA1; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1;

Gene ID

[116807](#)

mRNA Refseq**Protein Refseq****MIM****UniProt ID**

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