

# Recombinant Full Length Human SERPINE2 Protein, GST-tagged

**Cat. No.** SERPINE2-467HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human SERPINE2(1 a.a. - 398 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	398 amino acids
<b>Description</b>	This gene encodes a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. Thrombin, urokinase, plasmin and trypsin are among the proteases that this family member can inhibit. This gene is a susceptibility gene for chronic obstructive pulmonary disease and for emphysema. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	70.4 kDa
<b>AA Sequence</b>	MNWHLPLFLL ASVTLPSICS HFNPLSLEEL GSNTGIQVFN QIVKSRPHDN IVISPHGIAS VLGMLQLGAD GRTRKQLAMV MRYGVNGVGK ILKKINKAIV SKKNKDIVTV ANAVFVKNAS EIEVPFVTRN KDVFQCEVRN VNFEDPASAC DSINAWVKNE TRDMIDNLLS PDLIDGVLTR LVLVNAVYFK GLWKSRLFQPE NTKKRTFVAA DGKSYQVPML AQLSVFRCGS TSAPNDLWYN FIELPYHGES ISMLIALPTE SSTPLSAIIP HISTKTIDSW MSIMVPKRVQ VILPKFTAVA QTDLKEPLKV LGITDMFDSS KANFAKITTG SENLHVSHIL QKAKIEVSED

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GTKASAATTA ILIARSSPPW FIVDRPFLFF IRHNPTGAVL FMGQINKP

**Applications** ELISA; WB-Re; AP; Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** SERPINE2 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 [ Homo sapiens (human) ]

**Official Symbol** SERPINE2

**Synonyms** SERPINE2; GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; glia-derived nexin; serpin E2; protease nexin I; peptidase inhibitor 7; glial-derived neurite promoting factor

**Gene ID** 5270

**mRNA Refseq** NM\_006216

**Protein Refseq** NP\_006207

**MIM** 177010

**UniProt ID** P07093

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