

Recombinant Full Length Human SERPINE2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human SERPINE2(1 a.a. - 398 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	398 amino acids
Description	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.
Molecular Mass	70.4 kDa
AA Sequence	MNWHLPLFLL ASVTLP SICS HFNPLSLEEL GSNTGIQVFN QIVKSRPHDN IVISPHGIAS VLGMLQLGAD GR TKKQLAMV MRYGVNGVGK ILKKINKAIV SKKNKDIVTV ANAVFVKNAS EIEVPFVTRN KDVFQCEVRN VNFEDPASAC DSINAWVKNE TRDMIDNLLS PDLIDGVLTR LVLVNAVYFK GLWKS RFQPE 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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