

# Recombinant Human SERPINB1

**Cat. No.** SERPINB1-31161TH    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 201-300 of Human SERPINB1 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	100 amino acids
<b>Description</b>	Leukocyte elastase inhibitor (LEI) also known as serpin B1 is a protein that in humans is encoded by the SERPINB1 gene.
<b>Molecular Weight</b>	36.630kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	KKKFAYGYIEDLKCRVLELPYQGEELSMVILLPDDIEDESTGLKKIEEQLTLEKLHEWT KPENLDFIEVNVSLPRFKLEESYTLNSDLARLGVQDLFNSS

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**Sequence Similarities** Belongs to the serpin family. Ov-serpin subfamily.

## GENE INFORMATION

**Gene Name** SERPINB1 serpin peptidase inhibitor, clade B (ovalbumin), member 1 [ Homo sapiens ]

**Official Symbol** SERPINB1

**Synonyms** SERPINB1; serpin peptidase inhibitor, clade B (ovalbumin), member 1; ELANH2, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1; leukocyte elastase inhibitor; anti elastase; EI; PI2;

**Gene ID** 1992

**mRNA Refseq** NM\_030666

**Protein Refseq** NP\_109591

**MIM** 130135

**Uniprot ID** P30740

**Chromosome Location** 6p25

**Pathway** Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;

**Function** peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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