

Recombinant Human SERPINB1

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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