

Recombinant Full Length Human SERPINB1 Protein

Cat. No. SERPINB1-463HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SERPINB1 with N terminal proprietary tag; Predicted MWt 67.43 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	379 amino acids
Description	Leukocyte elastase inhibitor (LEI) also known as serpin B1 is a protein that in humans is encoded by the SERPINB1 gene.
Form	Liquid
Molecular Mass	67.430kDa inclusive of tags
AA Sequence	MEQLSSANTRFALDLFLALSENNPAGNIFISPFSSSAMA MVFLGTRGNTAAQLSKTF HFNTVEEVHSRFQSLNADINKR GASYILKLANRLYGEKTYNFLPEFLVSTQKTYGAD LASVD FQHASEDARKTINQWVGQTEGKIPPELLASGMVDNMTKLV LVNAIFYKGN WKDKFMKEATTNAPFRLNKKDRKTVKMMYQ KKKFAYGYIEDLKCRVLELPYQGEE LSMVILLPDDIEDES TGLKKIEEQLTLEKLHEWTKPENLDFIEVNVSLPRFKLEE SYTL NSDLARLGVQDLFNSSKADLSGMSGARDIFISKIVH KSFVEVNEEGTEAAAATAGIAT FCMLMPEENFTADHPFLF FIRHNSSGSILFLGRFSSP
Purity	Proprietary Purification

 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

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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](#)

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