

Recombinant Human SERPINB1 protein, His-SUMO-tagged

Cat. No. SERPINB1-3480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINB1 protein(P30740)(1-379aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-379aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.7 kDa
AA Sequence	MEQLSSANTRFALDLFLALSENNPAGNIFISPFSSISSAMAMVFLGTRGNTAAQLSKTF HFNTVEEVHSRFQSLNADINKRGASYILKLANRLYGEKTYNFLPEFLVSTQKTYGADL ASVDFQHASEDARKTINQWVKGQTEGKIPELLASGMVDNMTKLVLVNAIYFKGNWK DKFMKEATTNAPFRLNKKDRKTVKMMYQKKKFAYGYIEDLKCRVLELPYQGEELSM VILLPDDIEDESTGLKKIEEQLTLEKLHEWTKPENLDFIEVNVSLPRFKLEESYTLNSDL ARLGVQDLFNSSKADLSGMSGARDIFISKIVHKSFVEVN EEGTEAAAATAGIATFCML MPEENFTADHPFLFFIRHNSSGSILFLGRFSSP
Purity	Greater than 90% as determined by SDS-PAGE.

 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	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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; PI-2; serpin B1; anti-elastase; peptidase inhibitor 2; monocyte/neutrophil elastase inhibitor; protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1; LEI; MNEI; M/NEI; ELANH2;
Gene ID	1992
mRNA Refseq	NM_030666
Protein Refseq	NP_109591
MIM	130135
UniProt ID	P30740

 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