

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	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	58.7 kDa
AA Sequence	<p>MEQLSSANTRFALDLFLALSENNPAGNIFISPFSSISSAMAMVFLGTRGNTAAQLSKTF HFNTVEEVHSRFQSLNADINKRGASYILKLANRLYGEKTYNFLPEFLVSTQKTYGADL ASVDFQHASEDARKTINQWVKGQTEGKIPELLASGMVDNMTKLVLVNAIYFKGNWK DKFMKEATTNAPFRLNKKDRKTVKMMYQKKKFAYGYIEDLKCRVLELPYQGEELSM VILLPDDIEDESTGLKKIEEQLTLEKLHEWTKPENLDFIEVNVSLPRFKLEESYTLNSDL ARLGVQDLFNSSKADLSGMSGARDIFISKIVHKSFVEVNNEEGTEAAAATAGIATFCML MPEENFTADHPFLFFIRHNSSGSILFLGRFSSP</p>
Purity	Greater than 90% as determined by SDS-PAGE.

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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

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