Recombinant Human SerpinB1 protein, His-tagged

Cat. No. SerpinB1-3981H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SerpinB1 protein(P30740)(Met1-Pro379), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Pro379
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SERPINB1 consists of 390 amino acids and migrates as an approximately 44 kDa band as predicted in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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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