

# Recombinant Human SERPINB9 protein(Glu2-Pro376), His-tagged

**Cat. No.** SERPINB9-7027H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINB9 (P50453) (Glu 2-Pro 376) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	2-376 a.a.
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SERPINB9 consists of 394 amino acids and predicts a molecular mass of 44.5 kDa. It migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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.

## GENE INFORMATION

<b>Gene Name</b>	SERPINB9 serpin peptidase inhibitor, clade B (ovalbumin), member 9 [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	SERPINB9
<b>Synonyms</b>	SERPINB9; serpin peptidase inhibitor, clade B (ovalbumin), member 9; PI9, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9; serpin B9; CAP3; peptidase inhibitor 9; cytoplasmic antiproteinase 3; protease inhibitor 9 (ovalbumin type); serpin peptidase inhibitor, clade B, member 9; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9; PI9; PI-9; CAP-3;
<b>Gene ID</b>	5272
<b>mRNA Refseq</b>	NM_004155
<b>Protein Refseq</b>	NP_004146
<b>MIM</b>	601799
<b>UniProt ID</b>	P50453

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