

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

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

SPECIFICATION

Product Overview	Recombinant Human SERPINB9 (P50453) (Glu 2-Pro 376) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-376 a.a.
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	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
Gene Name

SERPINB9 serpin peptidase inhibitor, clade B (ovalbumin), member 9 [Homo sapiens]

Official Symbol

[SERPINB9](#)

Synonyms

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;

Gene ID

[5272](#)

mRNA Refseq

[NM_004155](#)

Protein Refseq


[NP_004146](#)

MIM


[601799](#)

UniProt ID

[P50453](#)

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