

Recombinant Human SERPINB9 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SERPINB9 protein(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 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4.
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 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70°C as supplied. - 1 month, 2 to 8°C under sterile conditions after reconstitution. - 3 months, -20 to -70°C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

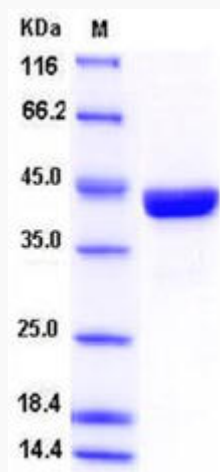
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contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

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

SDS-PAGE



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