

# Recombinant Human SERPINB9 protein, MBP&His-Avi-tagged, Biotinylated

**Cat. No.** SERPINB9-8643H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human SERPINB9 protein(P50453)(1-376aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-376aa
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	90.2 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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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.

**AA Sequence**

METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQAL  
 SLNTEEDIHRAFQSSLTEVKNAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAEL  
 KELSFIIRAAEESRKHINTWVSKKTEGKIEELLPGSSIDAETRLVLVNAIYFKGKWNEPF  
 DETYTREMPFKINQEEQRPVQMMYQEATFKLAHVGEVRAQLLELPYARKELSLLVLL  
 PDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDMESVLRHLGI  
 VDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAECCME  
 SGPRFCADHPFLFFIRHNRANSILFCGRFSSP

**Conjugation**                      Biotin

## 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](#)

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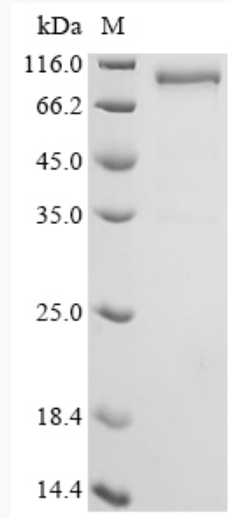
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**MIM** 601799

**UniProt ID** P50453

**SDS-PAGE**



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