

# Recombinant Human SERPINB10 protein, His-sumostar-tagged

**Cat. No.** SERPINB10-353H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINB10 protein(P48595)(1-397aa), fused with N-terminal His and sumostar tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-397aa
<b>Tag</b>	N-His-sumostar
<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>	58.5 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**

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MDSLATSINQFALELSKKLAESAQGKNIFFSSWSISTSLSLTIYVYLGAKGTAAQMAQVL
QFNRDQGVKCDPESEKRRKMEFNLSNSEEIHSDFQTLISEILKPNDDYLLKTANAIYG
EKTYAFHNKYLEDMKTYFGAEPQPVNFVEASDQIRKDINSWVERQTEGKIQNLLPDD
SVDSTTRMILVNALYFKGIWEHQFLVQNTTEKPFRIKETTSKPVQMMFMKKKLHIFHI
EKPKAVGLQLYYKSRDLSLLILLPEDINGLEQLEKAITYEKLNWTSADMMELYEVQL
HLPKFKLEDSYDLKSTLSSMGMSDAFSQSKADFSGMSSARNLFLSNVFKAFVEINE
QGTEAAAGSGSEIDIRIRVPSIEFNANHPFLFFIRHNKTNTILFYGRLCSP
    
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## GENE INFORMATION

**Gene Name** [SERPINB10 serpin peptidase inhibitor, clade B \(ovalbumin\), member 10 \[ Homo sapiens \]](#)

**Official Symbol** [SERPINB10](#)

**Synonyms** SERPINB10; serpin peptidase inhibitor, clade B (ovalbumin), member 10; PI10, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 10; serpin B10; bomapin; protease inhibitor 10 (ovalbumin type; bomapin); peptidase inhibitor 10; protease inhibitor 10 (ovalbumin type, bomapin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 10; PI10; PI-10;

**Gene ID** [5273](#)

**mRNA Refseq** [NM\\_005024](#)

**Protein Refseq** [NP\\_005015](#)

**MIM** [602058](#)

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UniProt ID

P48595

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