

## 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**

MDSLATSINQFALELSKKLAESAQGKNIFFSSWSISTSLTIVYLGAKGTAAQMAQVL  
 QFNRDQGVKCDPESEKKRKMEFNLSNSEEIHSDFQTLISEILKPNDYLLKTANAIYG  
 EKTYAFHNKYLEDMKTYFGAEPQPVNFVEASDQIRKDINSWVERQTEGKIQNLLPDD  
 SVDSTTRMILVNALYFKGIWEHQFLVQNTTEKPFRINETTSKPVQMMFMKKKLHIFHI  
 EKPKAVGLQLYYKSRDLSLLILLPEDINGLEQLEKAITYEKLNEWTSADMMELYEVQL  
 HLPKFKLEDSDYDLKSTLSSMGMSDAFSQSKADFSGMSSARNLFLSNVFHKAFFEINE  
 QGTEAAAGSGSEIDIRIRVPSIEFNANHPFLFFIRHNKTNTILFYGRLCSP

## 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](#)

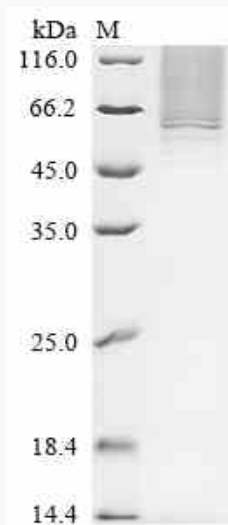
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UniProt ID P48595

SDS-PAGE



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