

## Recombinant Human SERPINB4 protein, His-tagged

**Cat. No.** SERPINB4-7024H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SERPINB4 protein(P48594) (Met 1-Pro 390) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                    |
| <b>Source</b>           | Insect Cells                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-390 aa                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly, 1mM EDTA, 1mM DTT.                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant human SERPINB4 consists of 409 amino acids and predicts a molecular mass of 47.1 kDa. It migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                          |
| <b>Purity</b>           | > 88 % as determined by SDS-PAGE.                                                                                                                                                        |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                 |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** SERPINB4 serpin peptidase inhibitor, clade B (ovalbumin), member 4 [ Homo sapiens ]

**Official Symbol** SERPINB4

**Synonyms** SERPINB4; serpin peptidase inhibitor, clade B (ovalbumin), member 4; SCCA2, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; serpin B4; LEUPIN; PI11; SCCA 2; SCCA1; squamous cell carcinoma antigen 2; PI-11; peptidase inhibitor 11; SCCA2/SCCA1 fusion protein; squamous cell carcinoma antigen 1; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; SCCA2; SCCA-2;

**Gene ID** 6318

**mRNA Refseq** NM\_002974

**Protein Refseq** NP\_002965

**MIM** 600518

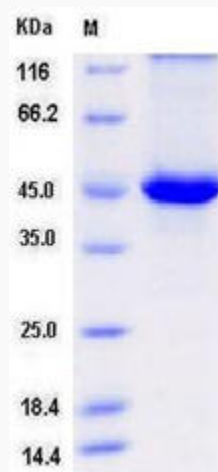
**UniProt ID** P48594

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## SDS-PAGE



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