

## Recombinant Human SERPINB4 protein, His-SUMO-tagged

Cat. No. SERPINB4-3482H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human SERPINB4 protein(P48594)(1-390aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-390aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>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>   | 60.9 kDa   |
| <b>AA Sequence</b>      | MNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQISKVLH<br>FDQVTENTTEKAATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFGEKTYQF<br>LQEYLDAIKKFYQTSVESTDFANAPEESRKKINSWVESQTNEKIKNLPDGTIGNDTT<br>LVLVNAIYFKGQWENKFKKENTKEEFWPNKNTYKSVQMMRQYNSFNFALLEDVQ<br>AKVLEIPYKGDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETCVDLHLP<br>FKMEESYDLKDTLRMTGMVNIFNGDADLSGMTWSHGLSVSKVLHKAFVEVTEEGVE<br>AAAATAVVVVVELSSPSTNEEFCCNHPFLFFIRQNKTNLSILFYGRFSSP |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a 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. Our default final concentration of glycerol is 50%.

## 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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