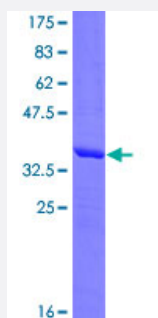


# SERPINB3 (Human) Recombinant Protein (Q01)

Catalog # H00006317-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                         |                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Human SERPINB3 partial ORF ( NP_008850, 276 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.            |
| Sequence                | RETRVDLHLPRFKVEESYDLKDTLRTMGMDIFNGDADLSGMTGSRGLVLSGVLHKAFVEVTEE<br>GAEEAAATAVVGFGSSPTSTNEEFHCNHPFLFFIRQNKTNLSILFYGRFSSP |
| Host                    | Wheat Germ (in vitro)                                                                                                   |
| Theoretical MW (kDa)    | 38.39                                                                                                                   |
| Preparation Method      | <a href="#">in vitro wheat germ expression system</a>                                                                   |
| Purification            | Glutathione Sepharose 4 Fast Flow                                                                                       |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                             |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                         |
| Note                    | Best use within three months from the date of receipt of this protein.                                                  |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SERPINB3

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6317</a>                                                                                       |
| GeneBank Accession# | <a href="#">NM_006919</a>                                                                                  |
| Protein Accession#  | <a href="#">NP_008850</a>                                                                                  |
| Gene Name           | SERPINB3                                                                                                   |
| Gene Alias          | HsT1196, SCC, SCCA-1, SCCA-PD, SCCA1, T4-A                                                                 |
| Gene Description    | serpin peptidase inhibitor, clade B (ovalbumin), member 3                                                  |
| Omim ID             | <a href="#">600517</a>                                                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                  |
| Gene Summary        | clade B (ovalbumin)                                                                                        |
| Other Designations  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3 squamous cell carcinoma antigen 1 |

## Publication Reference

- [The role of SCCA1 in asthma related physiological events in the airway epithelium and the effect of promoter variants on asthma and gene function.](#)  
Karaaslan C, Birben E, Keskin O, Sahiner U, Sackesen C, Kalayci O.  
Respiratory Medicine 2013 Mar; 107(3):368.  
  
Application: WB, Human, A-549 cells

## Disease

- [Birth Weight](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Liver Diseases](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)