

## 32-9110: Recombinant Human Serpin B3/SCCA-1 (C-Avi&His)

**Alternative Name** : Serpin B3; Protein T4-A; Squamous cell carcinoma antigen 1; SCCA-1;serine (or cysteine)proteinase inhibitor, clade B (ovalbumin), member 3; serpin peptidase inhibitor, clade B(ovalbumin), member 3; Squamous cell carcinoma antigen 1; T4-A;SCCA1

### Description

Source : E. coli;

Serpin B3, also known as squamous cell carcinoma antigen-1 (SCCA-1), is a member of the serpin superfamily of serine protease inhibitors. Serpins are known to inhibit serine proteases and some can inhibit caspases and papain-like cysteine proteases. Serpin B3 is also a member of the subgroup ovalbumin-related serpins which takes part in the regulation of apoptosis, inflammation, angiogenesis and embryogenesis. Serpin B3 is also a tumor marker for squamous cell carcinomas in diverse areas including the cervix, head, neck and lung. Different from typical serpins, serpin B3 inhibits papain-like lysosomal cysteine proteases Cathepsin K, L, and S, while lacking inhibitory activity against serine proteases

### Product Info

**Amount** : 500 µg / 50 µg

**Content** : Lyophilized from a 0.2 um filtered solution of 2umM Na<sub>2</sub>HPO<sub>4</sub>, 2umM NaH<sub>2</sub>PO<sub>4</sub>, pH7.4

**Amino Acid** : Recombinant Human Serpin B3 is produced by E.coli. The target gene encoding M1-P390 is expressed with a Avi&6His tag at the C-terminus.