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# 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 Na2HPO4, 2umM NaH2PO4, 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.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***