

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 µm filtered solution of 2mM Na₂HPO₄, 2mM 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.