

SCCA recombinant protein

Squamous cell carcinoma antigen, SCCA Protein (Active)

CATALOG # AAA59077	HOST E Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

SCCA; Squamous cell carcinoma antigen; SCCA Protein (Active); SCCA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid; Each vial contains Tris-HCl (pH7.4 ± 0.2) with 0.02% NaN ₃ .
Concentration	2.2mg/ml (varies by lot)
Applicable Applications for SCCA recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Ships on blue ice. Upon receipt, aliquot and store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SCCA recombinant protein	Squamous cell carcinoma antigen (SCCA) is a member of the ovalbumin family of serine proteinase inhibitors (serpins). SCCA is detected in the superficial and intermediate layers of normal squamous epithelium, whereas the mRNA is detected in the basal and subbasal levels. A neutral form of the protein (SCCA1, or SERPINB3) is found in normal and some malignant squamous cells, whereas an acidic form (SCCA2, or SERPINB4) is detected exclusively in tumor cells and in the circulation of patients with squamous cell tumors. SCCA1 shares 92% amino acid identity with SCCA2. Thus, the appearance of the acidic fraction of SCCA is correlated with more aggressive tumors. Ray et al. (2005) proposed that IL-4- and IL-13-stimulated SCCA gene expression is mediated via STAT-1 and STAT-6 activation, and by suppressing the production, and most likely by interfering with the signaling of these cytokines, UG inhibits SCCA gene expression associated with airway inflammation in asthma.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/scca-recombinant-protein-e-coli-sds-page-elisa/59077>