

## Recombinant Human SCCA1 Protein

Catalog #	Source	Reactivity	Applications
CRP2811	E. coli	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human SCCA1 Protein is produced by E.coli expression system and the target gene encoding Met1-Pro390 is expressed with a 6His tag at the N-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** SERPINB3

**Alternative Names** SCCA; SCCA1; Serpin B3; Protein T4-A; Squamous cell carcinoma antigen 1; SCCA-1

**Entrez Gene** 6317 (Human)

**SwissProt** P29508 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MNHKVHHHHH HMNSLSEANT KFMFDLFQQF RSKKENNIFY SPISITSALG MVLLGAKDNT  
 AQQIKKVLHF DQVTENTTGK AATYHVDRSG NVHHQFQKLL TEFNKSTDAY ELKIANKLFG  
 EKTYLFLQEY LDAIKKFYQT SVESVDFANA PEESRKKINS WVESQTNEKI KNLPIEGNIG  
 SNTTLVLVNA IYFKGQWEKK FNKEDTKEEK FWPKNNTYKS IQMMRQYTSF HFASLEDVQA  
 KVLEIPYK GK DL SMIVLLPN EIDGLQKLEE KLTAEKLM EW TSLQNMRETR VDLHLPRFKV  
 EESYDLKDTL RTMG MVDIFN GDADLSGMTG SRGLVLSGVL HKAFVEVTEE GA EAAAATAV  
 VGFSSPTST NEEFHCNHPF LFFIRQNKTN SILFYGRFSS P

**Quality Control** Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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