

Squamous Cell Carcinoma Antigen 1 Recombinant Protein | SCCA1 recombinant protein

Recombinant Human Squamous Cell Carcinoma Antigen 1 (SCCA1)

CATALOG #
AAA55764

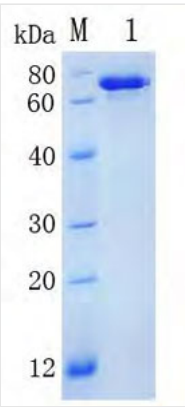
HOST
E. coli

PRODUCT SYNONYMS

Squamous Cell Carcinoma Antigen 1; Recombinant Human Squamous Cell Carcinoma Antigen 1 (SCCA1); SERPINB3; HsT1196; SCC; SCCA-1; SCCA-PD; T4-A; Serpin Peptidase Inhibitor; Clade B(ovalbumin); Member 3; Serpin B3.; SCCA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0) added with 100 mM GSH and 15% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Positions	1-390 AA
Sequence	MNSLSEANTK FMFDLFQQFR KSKENNIFYS PISITSALGM VLLGAKDNTA QQIKKVLHFD QVTENTTGKA ATYHVDRSGN VHHQFQKLLT EFNKSTDAYE LKIANKLFG E KTYLFLQEYL DAIKKFYQTS VESVDFANAP EESRKKINSW VESQTNEKIK NLIPEGNIGS NTTLVLVNAI YFKGQWEKKF NKEDTKEEFK WPNKNTYKSI QMMRQYTSFH FASLEDVQAK VLEIPYKGKD LSMIVLLPNE IDGLQKLEEK LTAEKLMEWL SLQNMRETRV DLHLPRFKVE ESYDLKDTLR TMGMVDIFNG DADLSGMTGS RGLVLSGVLH KAFVEVTEEG AAAAAATAVV GFGSSPTSTN EEFHCNHPFL FFIRQNKTNS ILFYGRFSSP
Source	Human
Protein Residues	with N-terminal GST-tag.
Endotoxin Level	Please contact us for more information.
Usage	SCCA1 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Storage: Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Stability: The recombinant protein is stable for up to 6-12 months from date of receipt at -20°C to -80°C.



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SCCA1 recombinant protein

Squamous cell carcinoma antigen (SCCA), a member of the serine protease inhibitor (serpin) family, is a subfraction of the tumor associated antigen TA-4, is a glycoprotein, with a molecular weight between 42 to 48 kDa. Total SCCA in the circulation comprises 2 nearly identical, approximately 45 kDa proteins, SCCA1 and SCCA2. Both proteins are members of the high-molecular weight serine proteinase inhibitor (serpin) family with SCCA1 paradoxically inhibiting lysosomal cysteine proteinases and SCCA2 inhibiting chymotrypsin-like serine proteinases. Although SCCA1 and SCCA2 are detected in the cytoplasm of normal squamous epithelial cells, neither serpin is detected normally in the serum.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P29508
Molecular Weight	Predicted: 71 kDa Observed: 71 kDa

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.