

Squamous Cell Carcinoma Antigen 2 (SCCA2) Recombinant Protein | SCCA2 recombinant protein

Recombinant Squamous Cell Carcinoma Antigen 2 (SCCA2)

CATALOG # AAA134085	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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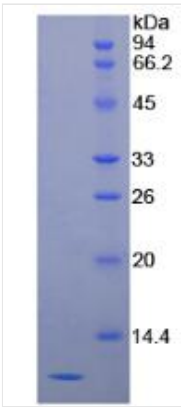
PRODUCT SYNONYMS

Squamous Cell Carcinoma Antigen 2 (SCCA2); Recombinant Squamous Cell Carcinoma Antigen 2 (SCCA2); SCCA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	SHGLSVSKVL HKAFVEVTEE GVEAAAATAV VVVELSSPST NEELCCNHPF LFFIRQNKTN SILFYGRFSP P
Applicable Applications for SCCA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ser320~Pro390
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Predicted isoelectric point	6.3
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	28076869
NCBI GeneID	6318
NCBI Accession #	NP_002965.1
NCBI GenBank Nucleotide #	NM_002974.2
UniProt Accession #	P48594
Molecular Weight	Predicted Molecular Mass: 9.3kDa Accurate Molecular Mass: 9kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	serpin B4
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 4
NCBI Official Symbol	SERPINB4
NCBI Official Synonym Symbols	PI11; SCCA1; SCCA2; LEUPIN; SCCA-2
NCBI Protein Information	serpin B4; PI-11; peptidase inhibitor 11; SCCA2/SCCA1 fusion protein; squamous cell carcinoma antigen 1; squamous cell carcinoma antigen 2; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4
UniProt Protein Name	Serpin B4
UniProt Gene Name	SERPINB4
UniProt Synonym Gene Names	PI11; SCCA2; PI-11; SCCA-2
UniProt Entry Name	SPB4_HUMAN

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/serpinb4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134085>