Recombinant Human Serpin B3/SCCA-1 Protein

Catalog No.: RP01110

Sequence Information

Species
Human

Gene ID
6317

Swiss Prot
P29508

Tags
C-His

Synonyms
SERPINB3, HsT1196, SCC, SCCA-1, SCCA-PD, SCCA1, SSCA1, T4-A, serpin B3,SerpinB3,HsT1196,SCC, SCCA-1,SCCA-PD,SCCA1,SSCA1, T4-A,serpin B3

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
45.40 kDa

Observed MW
50-65 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Serpin B3, also known as squamous cell carcinoma antigen-1 (SCCA-1), is a member of the serpin superfamily of serine protease inhibitors. Serpin B3 belongs to the subgroup ovalbumin-related serpins which are involved in the regulation of apoptosis, inflammation, angiogenesis and embryogenesis. It may act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. It also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).

Basic Information

Description
Recombinant Human Serpin B3/SCCA-1 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Met1-Pro390) of human Serpin B3 (Accession #P29508) fused with a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

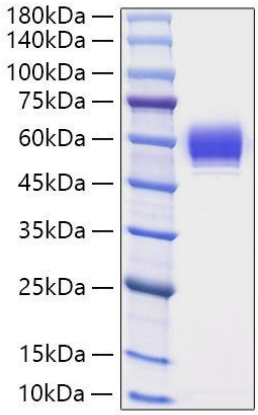
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Serpin B3/SCCA-1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.