

Recombinant Human Serpin B3

Catalog No: CM24

Description Recombinant Human Serine Protease Inhibitor-clade B3 is produced by our E.coli expression system

and the target gene encoding Met1-Pro390 is expressed with a 6His tag at the N-terminus.

Source E.coli

Alternative name Serpin B3; Protein T4-A; Squamous cell carcinoma antigen 1; SCCA-1; serine (or cysteine)

proteinase inhibitor, clade B (ovalbumin), member 3; serpin peptidase inhibitor, clade B (ovalbumin),

member 3; Squamous cell carcinoma antigen 1; T4-A;SCCA1

Accession No. P29508

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

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Quality Control Purity: Greater than 90% as determined by reducing SDS-PAGE.

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

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

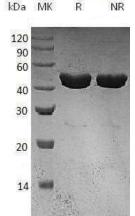
Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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).



SDS-Page

