

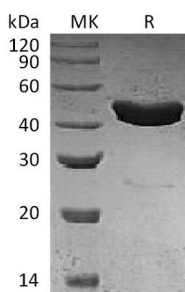
Product Name: Recombinant Human Serpin B3 (N-6His)
Catalog #: PEH1506



Summary

Name	Serpin B3/SERPINB3/SCCA1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P29508
Host	E.coli
Species	Human
Predicted Molecular Mass	46 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	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.

SDS-PAGE image



Background

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Alternative Names

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

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).

Note

For Research Use Only , Not for Diagnostic Use.