

Datasheet for ABIN7319019 **SERPINB3 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	SERPINB3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinB3/SCCA1 Protein (E.coli, His Tag)
Sequence:	Met 1-Pro390
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SERPINB3
Alternative Name:	SerpinB3/SCCA1 (SERPINB3 Products)
Background:	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

Target Details

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).

Synonym: 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,HsT1196,SCC,SCCA-1,SCCA-PD

Molecular Weight: 46.0 kDa

UniProt: [P29508](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.