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Datasheet for ABIN7319258 **SERPINB3 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SERPINB3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinB3/SCCA1 Protein (Human Cells, His Tag)
Sequence:	Met 1-Pro390
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade B3 is produced by our Mammalian expression system and the target gene encoding Met1-Pro390 is expressed with a 6His tag at the C-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
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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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.
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