

Datasheet for ABIN7319020
SERPINB5 Protein[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SERPINB5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human SerpinB5/SERPINB5 Protein
Sequence:	Met 1-Ser231
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade B5 is produced by our E.coli expression system and the target gene encoding Met1-Ser231 is expressed.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SERPINB5
Alternative Name:	SerpinB5/SERPINB5 (SERPINB5 Products)
Background:	<p>Background: Serpin B5 is a secretive protein that belongs to the Serpin (Serine Protease Inhibitor) family and Ov-serpin subfamily. Serpin B5 is expressed in the prostate, testis, intestine, tongue, lung, and thymus. Serpin B5 exhibits no serine protease inhibitory activity.</p> <p>Serpin B5 also functions as tumor suppressor and angiogenesis inhibitor. It has been shown that</p>

Target Details

Serpin B5 blocks the growth, invasion, and metastatic properties of mammary tumors. Furthermore, high expression of Serpin B5 is linked to squamous cell carcinoma in non-small-cell lung cancer.

Synonym: Serpin B5, Maspin, Peptidase Inhibitor 5, PI-5, SERPINB5, PI5

Molecular Weight: 25.7 kDa

Pathways: [p53 Signaling](#)

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 20 mM PB, 150 mM NaCl, 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.