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Datasheet for ABIN7319018 **SERPINB12 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SERPINB12
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB12 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinB12/SERPINB12 Protein (His Tag)
Sequence:	Met 1-Pro425
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade B12 is produced by our Mammalian expression system and the target gene encoding Met1-Pro425 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:	SERPINB12
Alternative Name:	SerpinB12/SERPINB12 (SERPINB12 Products)
Background:	Background: Serpin B12 is a member of the serpin family. Serpins are the largest and most diverse family of serine protease inhibitors. Most serpins are secreted and attain physiologic

Target Details

concentrations in the blood and extracellular fluids. Serpin B12 is expressed in many tissues, including brain, bone marrow, lymph node, heart, lung, liver, pancreas, testis, ovary, and intestine. Serpins are involved in a number of fundamental biological processes such as blood coagulation, complement activation, fibrinolysis, angiogenesis, inflammation and tumor suppression and are expressed in a cell-specific manner. SerpinB12 inhibits trypsin and plasmin, but not thrombin, coagulation factor Xa, or urokinase-type plasminogen activator. Synonym: SERPINB12, Serpin B12, Serine Protease Inhibitor-clade B12

Molecular Weight: 49.5 kDa

UniProt: [Q3SYB4](#)

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.