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Datasheet for ABIN7319026 **SERPINI2 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SERPINI2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINI2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinI2 Protein (His Tag)
Sequence:	Ser19-Leu405
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade I2 is produced by our Mammalian expression system and the target gene encoding Ser19-Leu405 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:	SERPINI2
Alternative Name:	SerpinI2 (SERPINI2 Products)
Background:	Background: SERPINI2 is a secreted protein of the serpin family. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. As

Target Details

protease inhibitors, serpins have an array of functions including regulating blood coagulation, fibrinolysis, the complement pathway, angiogenesis, inflammation, tumor suppression, extracellular matrix remodeling, and cell motility. SERPINI2 is expressed in human tissues including pancreas and adipose tissues. Mutations of human SERPINI2 can directly result in conditions such as acinar cell apoptosis and malabsorption.

Synonym: SERPINI2,Serpin I2,Myoepithelium-derived serine protease inhibitor,Pancreas-specific protein TSA2004,Peptidase inhibitor 14,PI-14,MEPI,PI14,MEPI,PANCPIN,PI14,TSA2004

Molecular Weight: 45.1 kDa

UniProt: [O75830](#)

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.