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Datasheet for ABIN7319014
SERPINA10 Protein (His tag)

Overview

Quantity:	50 µg
Target:	SERPINA10
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA10 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinA10/SERPINA10 Protein (His Tag)
Sequence:	Leu22-Leu444
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade A10 is produced by our Mammalian expression system and the target gene encoding Leu22-Leu444 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:	SERPINA10
Alternative Name:	SerpinA10/SERPINA10 (SERPINA10 Products)
Background:	Background: Serpin A10 is a secreted protein that belongs to the serpin family. It is predominantly expressed in the liver and secreted in the plasma. Its phosphorylation sites are

Target Details

present in the extracellular medium. It inhibits factors Xa and XIa of the coagulation cascade in the presence of protein Z, calcium, and phospholipid. Mutations in SERPINA10 are associated with venous thrombosis.

Synonym: Protein Z-Dependent Protease Inhibitor, PZ-Dependent Protease Inhibitor, PZI, Serpin A10, SERPINA10, ZPI

Molecular Weight: 49.5 kDa

UniProt: [Q9UK55](#)

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, 1 mM GaCl₂, 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.