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SERPINA4 Protein (His tag)



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Quantity:	50 µg
Target:	SERPINA4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinA4/SERPINA4 Protein (His Tag)
Sequence:	Gln21-Pro427
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade A4 is produced by our Mammalian expression system and the target gene encoding Gln21-Pro427 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:	SERPINA4
Alternative Name:	SerpinA4/SERPINA4 (SERPINA4 Products)
Background:	Background: Serpin Peptidase Inhibitor, Clade A (α-1 Antiproteinase, Antitrypsin), Member 4 (Serpin A4) is a member of the Serpin family. Serpin A4 exists as a monomer and some

Target Details

homodimers. Serpin A4 is expressed by the liver and secreted in plasma. Serpin A4 is a regulator of vascular homeostasis capable of controlling a wide spectrum of biological actions in the cardiovascular and renal systems. It can inhibit intracellular reactive oxygen species formation in cultured cardiac and renal cells. In addition, Serpin A4 has anti-inflammatory effect. Heparin blocks kallistatin's complex formation with tissue kallikrein and abolishes its inhibitory effect on tissue kallikrein's activity.

Synonym: Kallistatin, Kallikrein Inhibitor, Peptidase Inhibitor 4, PI-4, Serpin A4, SERPINA4, KST,

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Molecular Weight:

47.1 kDa

UniProt:

P29622

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 50 mM TrisHCl, 150 mM NaCl, 10 mM NaCl, pH 8.0.
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.