Datasheet for ABIN7319015

SERPINA3 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	SERPINA3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SerpinA3/AACT Protein (His Tag)
Sequence:	His24-Ala423
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade A3 is produced by our Mammalian expression system and the target gene encoding His24-Ala423 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SERPINA3
Alternative Name:	SerpinA3/AACT (SERPINA3 Products)
Background:	Background: Serpin A3 belongs to the Serpin superfamily of serine protease inhibitors. Serpin A3 has been shown to inhibit some serine proteases, such as neutrophil cathepsin G and mast

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Target Details

	cell chymase. Serpin A3 is synthesized initially in the liver and secreted in plasma. Serpin A3 has been found in the amyloid plaques from the hippocampus of Alzheimer disease brains. In addition to, Serpin A3 is associated with liver disease and Parkinson disease and chronic obstructive pulmonary disease. Synonym: Alpha-1-Antichymotrypsin, ACT, Cell Growth-Inhibiting Gene 24/25 Protein, Serpin A3, SERPINA3, AACT,GIG24,GIG25,MGC88254,SERPINA3
Molecular Weight:	46.3 kDa
UniProt:	P01011

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 HEPES, 150 mM NaCl, pH 7.5.
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.

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