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Datasheet for ABIN7320685
SERPINA1C Protein (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	SERPINA1C
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA1C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Serpina1c Protein (His Tag)
Sequence:	Glu25-Lys413
Characteristics:	Recombinant Mouse Serine Protease Inhibitor-clade A1c is produced by our Mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SERPINA1C
Alternative Name:	Serpina1c (SERPINA1C Products)
Background:	Background: Alpha-1-antitrypsin 1-3(SERPIN A1) is a secreted protein and belongs to the serpin family. Serpins bind the protease active site resulting in a major conformational rearrangement

Target Details

that traps the enzyme in a covalent acyl-enzyme intermediate. Mouse SERPIN A1 is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.

Synonym: Alpha-1-antitrypsin 1-3, Alpha-1 protease inhibitor 3, Alpha-1 protease inhibitor 6, Alpha-1-antitrypsin 1-6, Serine protease inhibitor 1-3, Serine protease inhibitor 1-6, Serine protease inhibitor A1c, Serpin A1c, Serpina1c, Dom3, Dom6, Spi1-3, Spi1-6

Molecular Weight: 44.4 kDa

UniProt: [Q00896](#)

Application Details

Restrictions: For Research Use only

Handling

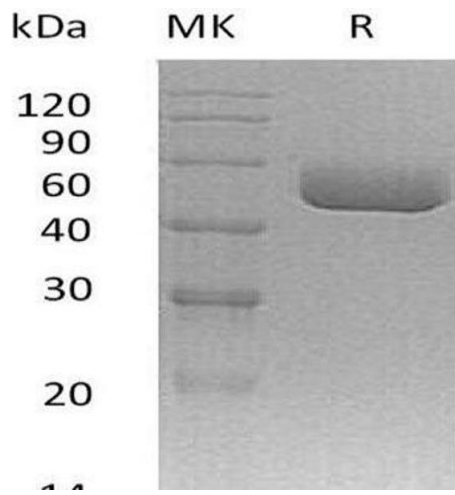
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, 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.



Western Blotting

Image 1.