

Datasheet for ABIN7607259

SERPING1 Protein (AA 23-500) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SERPING1
Protein Characteristics:	AA 23-500
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SERPING1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human SERPING1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit recombinant human Complement Component C1s cleavage of a colorimetric peptide substrate, Ncarbobenzyloxy-Lys-ThioBenzyl ester(Z-K-SBzl). The IC50 is <5 nM, as measured under the described conditions.

Target Details

Target:	SERPING1
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Target Details

Alternative Name:	Serpin G1 (SERPING1 Products)
Background:	Serpin G1, SERPING1, C1Inh, C1 esterase inhibitor, Plasma protease C1 inhibitor, C1IN, C1 Inh, C1NH, C1-inhibiting factor
UniProt:	P05155
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months