Datasheet for ABIN7454103

C1S Protein (AA 16-688) (His tag)

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	C1S
Protein Characteristics:	AA 16-688
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1S protein is labelled with His tag.

Product Details

Purpose:	Human Complement Component C1s Protein
Sequence:	Glu16-Asp688
Characteristics:	Recombinant Human Complement Component C1s Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Glu16-Asp688.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	C1S
Alternative Name:	Complement Component C1s ([C1S Products](#))

Target Details

Background:	Complement C1s protease inhibitors have potential utility in the treatment of diseases associated with activation of the classical complement pathway such as humorally mediated graft rejection, ischemia-reperfusion injury (IRI), vascular leak syndrome, and acute respiratory distress syndrome (ARDS).
Molecular Weight:	75.98 kDa. Due to enzyme lysis glycosylation, the protein migrates to 55-60 kDa (light chain), 32-35 kDa (heavy chain) and 76-96 kDa based on Tris-Bis PAGE result.
UniProt:	P09871
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months