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Datasheet for ABIN7538201
C1S Protein (AA 16-688) (His tag)

Overview

Quantity:	50 µg
Target:	C1S
Protein Characteristics:	AA 16-688
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1S protein is labelled with His tag.

Product Details

Purpose:	Recombinant human C1S Protein with C-terminal 6xHis tag
Specificity:	C1S (Glu16-Asp688) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	C1S
Alternative Name:	C1S (C1S Products)
Background:	This gene encodes a serine protease, which is a major constituent of the human complement

Target Details

subcomponent C1. C1s associates with two other complement components C1r and C1q in order to yield the first component of the serum complement system. Defects in this gene are the cause of selective C1s deficiency. [provided by RefSeq, Mar 2009]

Molecular Weight: predicted molecular mass of 75.7 kDa after removal of the signal peptide. The apparent molecular mass of C1S-His is 70-100 kDa due to glycosylation.

UniProt: [P09871](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months