## **PRODUCT INFORMATION**

**Target** C1S

EDSPD2 **Synonyms** 

Recombinant human C1S Protein with C-terminal **Description** 

6×His tag

**Delivery** In Stock **Uniprot ID** P09871 **Expression Host HEK293** 

Tag C-6×His tag

Molecular Characterization

Purity

C1S(Glu16-Asp688) 6×His tag

The protein has a predicted molecular mass of

75.7 kDa after removal of the signal peptide. The apparent molecular mass of C1S-His is **Molecular Weight** 

approximately 70-100 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

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 Storage & Shipping

at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at

ambient temperature.

This gene encodes a serine protease, which is a major constituent of the human complement subcomponent C1. C1s associates with two other

complement components C1r and C1q in order to **Background** yield the first component of the serum

complement system. Defects in this gene are the cause of selective C1s deficiency. [provided by

Email: info@dimabio.com Website: www.dimabio.com

RefSeq, Mar 2009]

**Usage** Research use only

Conjugate Unconjugated





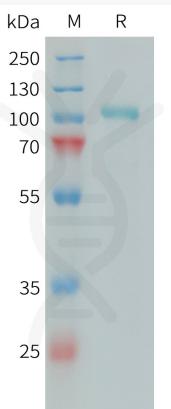


Figure 1. Human C1S Protein, His Tag on SDS-PAGE under reducing condition.

## **Human C1S, His Tagged protein ELISA**

0.2 µg of Human C1S, His tagged protein per well

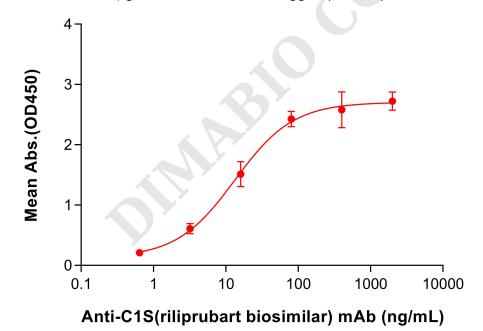


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human C1S Protein, His Tag (PME101394) can bind Anti-C1S(riliprubart biosimilar) mAb (BME100649) in a linear range of 3.2–16 ng/mL.

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