

**PRODUCT INFORMATION**

<b>Target</b>	C1S
<b>Synonyms</b>	EDSPD2
<b>Description</b>	Recombinant human C1S Protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P09871
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His tag
<b>Molecular Characterization</b>	C1S(Glu16-Asp688) 6×His tag
<b>Molecular Weight</b>	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 approximately 70-100 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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 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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



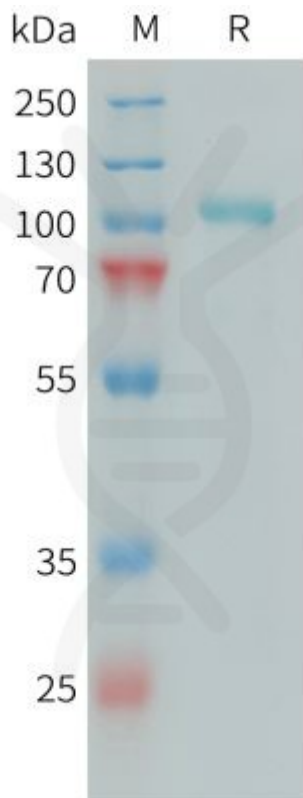


Figure 1. Human C1S Protein, His Tag on SDS-PAGE under reducing condition.

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