

Active Recombinant Human C1S Protein, His-tagged

Cat. No. C1S-597H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human C1S Protein(P09871)(Glu16-Asp688) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	16-688 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Complement C1s, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-C1S Antibody, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 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 Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name C1S complement component 1, s subcomponent [Homo sapiens]

Official Symbol C1S

Synonyms C1S; complement component 1, s subcomponent; complement C1s subcomponent; C1 esterase; basic proline-rich peptide IB-1; complement component 1 subcomponent s; FLJ44757;

Gene ID 716

mRNA Refseq NM_001734

Protein Refseq NP_001725

MIM 120580

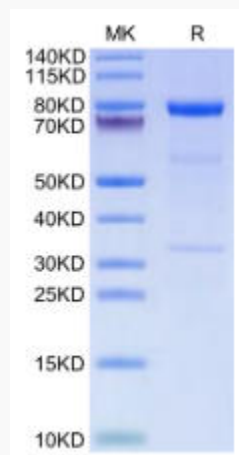
UniProt ID P09871

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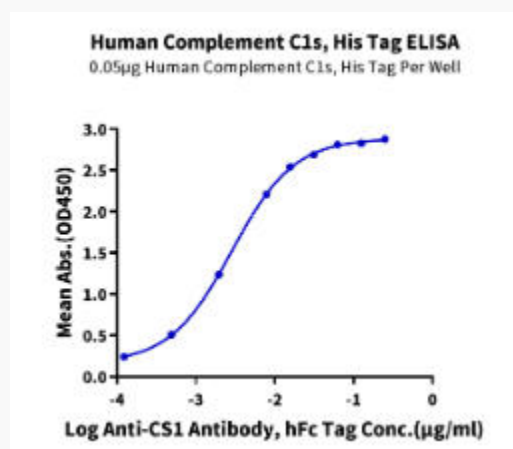
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Bis-Tris PAGE



ELISA Data



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