

## Recombinant Human C7 protein(Met1-Gln843), hFc-tagged

Cat. No. C7-7368H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human C7 (P10643) (Met1-Gln843) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-843 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human C7 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 1062 amino acids and has a predicted molecular mass of 118 kDa. The apparent molecular mass of the protein is approximately 118 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	C7 complement component 7 [ Homo sapiens ]
<b>Official Symbol</b>	C7
<b>Synonyms</b>	C7; complement component 7; complement component C7;
<b>Gene ID</b>	730
<b>mRNA Refseq</b>	NM_000587
<b>Protein Refseq</b>	NP_000578
<b>MIM</b>	217070
<b>UniProt ID</b>	P10643

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