

Recombinant Human C7 protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human C7 protein(P10643) (Met1-Gln843) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-843 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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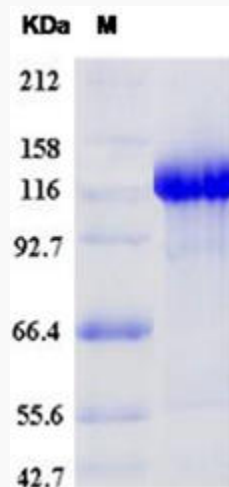
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

SDS-PAGE



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