

Recombinant Human C7 protein(Met1-Gln843), His-tagged

Cat. No. C7-7369H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C7 (P10643) (Met1-Gln843) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln843
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human C7 comprises 832 amino acids and has a predicted molecular mass of 92.6 kDa. The apparent molecular mass of the protein is approximately 92-98 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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

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