

# Active Recombinant Human C3 protein, His-Avi-tagged, Biotinylated

**Cat. No.** C3-1859H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human C3 protein(Ser 23 - Asn 1663), fused with His-Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ser 23 - Asn 1663
<b>Form</b>	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Biotinylated Human Complement C3, His,Avitag at 1 μg/mL (100 μL/well)on streptavidin precoated (0.5 μg/well) plate can bind Human Anti-C3,Human IgG1 Human Kappa with a linear range of 0.1-4 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™)The protein has a calculated MW of 188.5 kDa. The protein migrates as 72 kDa,120-125 kDa and 200 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per μg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** [C3 complement component 3 \[ Homo sapiens \]](#)

**Official Symbol** [C3](#)

**Synonyms** C3; complement component 3; complement C3; CPAMD1; complement component C3; acylation-stimulating protein cleavage product; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; ASP; AHUS5; ARMD9;

**Gene ID** [718](#)

**mRNA Refseq** [NM\\_000064](#)

**Protein Refseq** [NP\\_000055](#)

**MIM** [120700](#)

**UniProt ID** [P01024](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA