

Active Recombinant Human C5 protein, His-tagged

Cat. No. C5-1873H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C5 protein(Leu 679 - Arg 751), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Leu 679 - Arg 751
Form	PBS, pH7.4
Bio-activity	Immobilized Human Complement C5a, His Tag at 5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human C5a Human Antibody, Human IgG1 with a linear range of 0.1-4 ng/ml.
Molecular Mass	10.2 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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:

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-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.

GENE INFORMATION

Gene Name [C5 complement component 5 \[Homo sapiens \]](#)

Official Symbol [C5](#)

Synonyms

C5; complement component 5; complement C5; CPAMD4; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; FLJ17816; FLJ17822; MGC142298;

Gene ID [727](#)

mRNA Refseq [NM_001735](#)

Protein Refseq [NP_001726](#)

MIM [120900](#)

UniProt ID [P01031](#)

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