

Active Recombinant Human C5a protein

Cat. No. C5a-3000H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C5a protein(Leu 679-Arg 751) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Leu 679-Arg 751
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human Complement C5a, Tag Free at 2 µg/mL (100 µL/well) can bind Anti-C5a MAb, Human IgG1 with a linear range of 0.8-13 ng/mL.
Molecular Mass	This protein carries no "tag" The protein has a calculated MW of 8.3 kDa. The protein migrates as 10-12 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
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: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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.

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