Active Recombinant Mouse C5a protein, His-tagged

Cat. No. C5a-2999M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C5a protein(Asn 679-Arg 755), fused with His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn 679-Arg 755
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse Complement C5a, His Tag at 2 μg/mL (100 μL/well) can bind Anti-C5a (Human IgG1) with a linear range of 0.4-6 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 10.9 kDa. The protein migrates as 14 kDa under reducing (R) condition (SDS-PAGE).
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

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	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.

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