

Mouse C5a Recombinant Protein



RPPB2951

Product Information Protein Information

Product SKU:

RPPB2951

Accession:

P06684

Host:

Escherichia Coli.

Protein description:

C5a Mouse Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 77 amino acids and having a molecular mass of 9kDa. The Mouse C5a is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Complement C5, Hemolytic complement, C5, Hc, He, C5a.

Formulation:

Mouse C5a was lyophilized from a concentrated (1mg/ml) solution in 20mM PB, pH 7.5 and 350mM NaCl.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Mouse C5a in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Mouse C5a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse C5a should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

The sequence of the first five N-terminal amino acids was determined and was found to be Asn-Leu-His-Leu-Leu.

Biological Activity:

The ED₅₀ of Recombinant Mouse C5a as determined by its ability to induce N-acetyl-b-D-glucosaminidase release from differentiated U937 human histiocytic lymphoma cells was 5-20ng/ml.