

C5a, human recombinant protein

Recombinant human C5a Catalog # PBV10530r

Specification

C5a, human recombinant protein - Product info

Calculated MW (74 amino acids) KDa

C5a, human recombinant protein - Additional Info

Other Names

C5a anaphylatoxin chemotactic receptor, C5a anaphylatoxin chemotactic receptor (C5a-R), (C5aR,) (CD antigen CD88), C5AR1, C5AR, C5R1

Source E. coli

Assay&Purity SDS-PAGE; ≥95%

Assay2&Purity2 HPLC; Recombinant Yes

Application Notes

Reconstitute to a concentration of 1.0 mg/ml in ice-cold H₂O containing 2.5 mg/ml BSA. The solution should be aliquoted and immediately stored at -70°C for future use. Frozen/thaw will result in some loss of activity.

Format

Lyophilized protein

Storage

-20°C; Lyophilized with no additives

C5a, human recombinant protein - Protocols

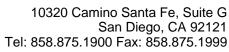
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C5a, human recombinant protein - Images

C5a, human recombinant protein - Background

Human complement C5a is a 74-amino acid glycopeptide generated during complement activation from the α -chain of complement C5. C5a is a potent chemotactic factor for human peripheral blood neutrophils and monocytes, and is believed to play an important role in a number of inflammatory





conditions. The 74 amino acid, human C5a protein expressed in E. coli has an activity similar to that of serum derived C5a based on enzyme assay of myeloperoxidase release.