10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 H_2O 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.