

Active Recombinant Human C5 protein

Cat. No. C5-4756H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human C5 protein(Leu 679-Arg 751) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	679-751 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to induce N-acetyl- β -D-glucosaminidase release from differentiated U937 human histiocytic lymphoma cells. The ED50 for this effect is typically 5-15 ng/ml.
Molecular Mass	The recombinant human C5a consists of 74 amino acids and has a predicted molecular mass of 8.3 kDa which is also estimated by SDS-PAGE.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	C5 complement component 5 [Homo sapiens]
Official Symbol	C5
Synonyms	C5; complement component 5; complement C5; CPAMD4; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; FLJ17816; FLJ17822; MGC142298;
Gene ID	727
mRNA Refseq	NM_001735
Protein Refseq	NP_001726
MIM	120900
UniProt ID	P01031

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA