

Datasheet for ABIN7274012

**C5A Protein (AA 678-751) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	C5A (C5a)
Protein Characteristics:	AA 678-751
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This C5A protein is labelled with His tag.

## Product Details

Purpose:	Human Complement C5a Protein
Sequence:	Thr678-Arg751
Characteristics:	Recombinant Human C5a Protein is expressed from E.coli with His tag at the N-Terminus.It contains Thr678-Arg751.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	C5A (C5a)
Alternative Name:	C5a ( <a href="#">C5a Products</a> )

## Target Details

Background:	The anaphylatoxin C5a is an extremely potent proinflammatory peptide produced during activation of the complement system. The structure of C5a includes a core region (N-terminal residues 1-63) consisting of four, antiparallel alpha-helices held together by three disulfide linkages and a structured C-terminal tail (residues 64-74).
Molecular Weight:	9.37 kDa. The protein migrates to 13-14 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P01031</a>
Pathways:	<a href="#">Complement System</a> , <a href="#">Carbohydrate Homeostasis</a>

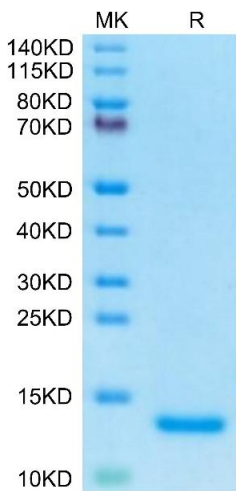
## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM PB, 500 mM NaCl, 10 % Glycerol ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** Human C5a on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .