



# Human C5a Anaphylatoxin (DAG4668)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Human C5a Anaphylatoxin
<b>Antigen Description</b>	Natural human C5a is prepared from human C5 protein by cleavage of the peptide bond between C5a and C5b by the human C5 convertase. C5a is a naturally glycosylated polypeptide containing 74 amino acids with a molecular weight of approx. 10,400 daltons. It
<b>Species</b>	Human
<b>Purity</b>	> 97% by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	immunogen
<b>Format</b>	Frozen liquid
<b>Concentration</b>	0.5 mg/ml (see Certificate of Analysis for the actual concentration)
<b>Buffer</b>	20 mM HEPES, 100 mM NaCl, pH 7.2 (No carrier proteins added)
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Anti-IgE MAb binds to IgE (a class of antibodies normally secreted in allergic responses), which prevents their binding to mast cells and basophils.
<b>Keywords</b>	C5; complement component 5; complement C5; CPAMD4; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; FLJ17816; FLJ17822; MGC142298