

Complement Component 5a (C5a) Protein | C5a protein

Eukaryotic Complement Component 5a (C5a)

CATALOG # AAA147098	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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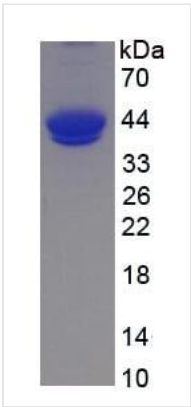
PRODUCT SYNONYMS

Complement Component 5a (C5a); Eukaryotic Complement Component 5a (C5a); C5a protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	1682
Applicable Applications for C5a protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Thr678-Arg751
Tag	N-terminal His Tag and C-terminal Fc Region of Human IgG1
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.9
Subcellular Location	Secreted, Membrane attack complex
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

TLQ KKIEEIAAKY KHSVVKCCY
DGACVNNDET CEQRAARISL GPRCIKAFTE CCVVASQLRA NISHKDMQLG
R

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for C5a protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	953514538
NCBI GeneID	727
NCBI Accession #	NP_001304092.1
NCBI GenBank Nucleotide #	NM_001317163.1
UniProt Accession #	P01031; Q14CJ0; Q27I61
Molecular Weight	35.0kDa; 35kDa
NCBI Official Full Name	complement C5 isoform 2
NCBI Official Synonym Full Names	complement C5
NCBI Official Symbol	C5
NCBI Official Synonym Symbols	C5D; C5a; C5b; ECLZB; CPAMD4
NCBI Protein Information	complement C5
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Synonym Gene Names	CPAMD4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.