

Complement Component 5 (C5) Recombinant Protein | C5 recombinant protein

Recombinant Complement Component 5 (C5)

CATALOG # AAA152017	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

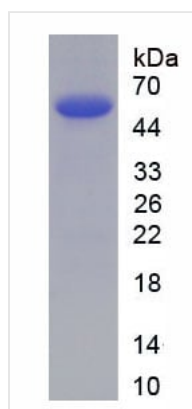
PRODUCT SYNONYMS

Complement Component 5 (C5); Recombinant Complement Component 5 (C5); C5/Complement Component 5; CPAMD4; C5a anaphylatoxin; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; C5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Ser1055~As n1513
Applicable Applications for C5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.4
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

```

SIMSYR NADYSYSVWK GGSASTWLTAL FALRVLGQVN KYVEQNQNSI
CNSLLWLVEN YQLDNGSFKE NSQYQPIKLQ GTLPVEAREN SLYLTAFTVI
GIRKAFDIPC LKIDITALIK ADNFLLENTL PAQSTFTLAI SAYALSLGDK
THPQFRSIVS ALKREALVKG NPPIYRFWKD NLQHKDSSVP NTGTARMVET
TAYALLTSLN LKIDINVVNPV IKWLSEEQRY GGGFYSTQDT INAIEGLTEY
SLLVKQLRLS MDIDVSYKHK GALHNYKMTD KNFLGRPVEV LLNDOLIVST
GFGSGLATVH VTTVVKHTST SEEVCSFYLK IDTQDIEASH YRGYGNSDYK
RIVACASYKP SREESSSGSS HAVMDISLPT GISANEEDLK ALVEGVDQLF
TDYQIKDGHV ILQLNSIPSS DFCLVRFRIE ELFEVGFLLSP ATFTVVEYHR
PDKQCTMFYS TSN

```

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for C5 recombinant protein	Metabolic pathway; Infection immunity; Immune molecule; Hematology; Autoimmunity; Prokaryotic Recombinant proteins/RP
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	119607886
NCBI GeneID	727
UniProt Accession #	P01031; Q14CJ0; Q27I61
Molecular Weight	188,305 Da
NCBI Official Full Name	complement component 5
NCBI Official Synonym Full Names	complement component 5
NCBI Official Symbol	C5
NCBI Official Synonym Symbols	C5a; C5b; CPAMD4
NCBI Protein Information	complement C5; prepro-C5; C5a anaphylatoxin; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Synonym Gene Names	CPAMD4
UniProt Entry Name	CO5_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/c5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152017>