

Complement component C8 alpha chain (C8A) Recombinant Protein | C8A recombinant protein

Recombinant Human Complement component C8 alpha chain (C8A)

CATALOG #
AAA113840

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Complement component C8 alpha chain (C8A); Recombinant Human Complement component C8 alpha chain (C8A); C8A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	31-584aa; Full Length of Mature Protein
Sequence	AATPAAVTCQ LSNWSEWTD C FPCQDKKYRH RSL LQPNKFG GTICSGDIWD QASCSSTTC VRQAQCGQDF QCKETGRCLK RHLVCNGDQD CLDGSDEDDC EDVRAIDEDC SQYEPIGSQ KAALGYNILT QEDAQSVYDA SYYGQCETV YNGEWRELRY DSTCERLYYG DDEKYFRKPY NFLKYHFEAL ADTGISSEFY DNANDLLSKV KKDKSDSFGV TIGIGPAGSP LLVGVGVS HS QDTSFLNELN KYNEKKFIFT RIFTKVQTAH FKMRKDDIML DEGMLQSLME LPDQYNYGMY AKFINDYGTH YITSGSMGGI YEYLVIDKA KMESLGITSR DITTCFGGSL GIQYEDKINV GGGLSGDHCK KFGGKTERA RKAMAVEDII SRVRGGSSGW SGGLAQNRST ITYRSWGRSL KYNPVVIDFE MQPIHEVLRH TSLGPLEAKR QNLRRALDQY LMEFNACRCG PCFNNGVPIL EGTSCRCQCR LGSLGAACEQ QTTEGAKADG SWSCWSSWSV CRAIGQERRR ECDNPAPQNG GASCPGRKVQ TQAC
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for C8A recombinant protein	C8 is a component of the complement system and contains three polypeptides, alpha, beta and gamma. This gene encodes the alpha subunit of C8. C8 participates in the formation of the membrane attack complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause complement C8 alpha-gamma deficiency.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557389
NCBI GeneID	731
NCBI Accession #	NP_000553.1
NCBI GenBank Nucleotide #	NM_000562.2
UniProt Accession #	P07357; Q13668; Q9H130; A2RUI4; A2RUI5
Molecular Weight	65,163 Da
NCBI Official Full Name	complement component C8 alpha chain preproprotein
NCBI Official Synonym Full Names	complement C8 alpha chain

NCBI Official Symbol	C8A
NCBI Protein Information	complement component C8 alpha chain
UniProt Protein Name	Complement component C8 alpha chain
UniProt Gene Name	C8A

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/c8a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113840>