

Complement C1q subcomponent subunit A Recombinant Protein | C1qa recombinant protein

Recombinant Rat Complement C1q subcomponent subunit A

CATALOG # AAA113472	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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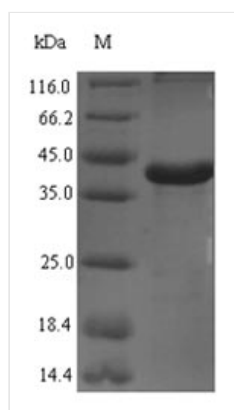
PRODUCT SYNONYMS

Complement C1q subcomponent subunit A; Recombinant Rat Complement C1q subcomponent subunit A; Rattus norvegicus (Rat); C1qa 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	23-245aa; Full Length of Mature Protein
Sequence	EDVCRAPNGK DGVAGIPGRP GRPGLKGERG EPGAAGIRTG IRGLKGMGE SGPPGKPGNV GFPGPTGPLG NSGPQGLKGV KGPNGNIRDQ PRPAFSAIRQ NPPTYGNVVV FDKVLTNQEN PYQNRTGHFI CAVPGFYFT FQVISKWDLC LSVSSSRGQ PRNSLGFCDT NSKGLFQVLA GGTVLQLQRG DEVWIEKDPA KGRIYQGTEA DSIFSGFLIF PSA
Species	Rat
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for C1qa recombinant protein	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca ²⁺ -dependent C1r2C1s2 proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.
Product Categories/Family for C1qa recombinant protein	Neuroscience

References	"Rapid isolation and biochemical characterization of rat C1 and C1q." Wing M.G., Seilly D.J., Bridgman D.J., Harrison R.A. Mol. Immunol. 30:433-440(1993)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56606082
NCBI GeneID	298566
NCBI Accession #	NP_001008515.1
NCBI GenBank Nucleotide #	NM_001008515.1
UniProt Accession #	P31720; Q5RJK1
Molecular Weight	39.6 kDa
NCBI Official Full Name	complement C1q subcomponent subunit A
NCBI Official Synonym Full Names	complement component 1, q subcomponent, A chain
NCBI Official Symbol	C1qa
NCBI Protein Information	complement C1q subcomponent subunit A
UniProt Protein Name	Complement C1q subcomponent subunit A
UniProt Gene Name	C1qa
UniProt Entry Name	C1QA_RAT

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.

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 Online datasheet: <https://stage.aaabiotech.com/c1qa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113472>