

Complement C1q subcomponent subunit A

Catalog No: #AP78642



Package Size: #AP78642-1 50ug #AP78642-2 100ug #AP78642-3 1mg

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Description

Product Name	Complement C1q subcomponent subunit A
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	CRGPKGQKGEPLPGHPGKNGPMGP
Other Names	null
Accession No.	P02745Gene name:C1QA
Uniprot	P02745
GeneID	712;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 C1r(2)C1s(2) 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.

References

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Note: This product is for in vitro research use only