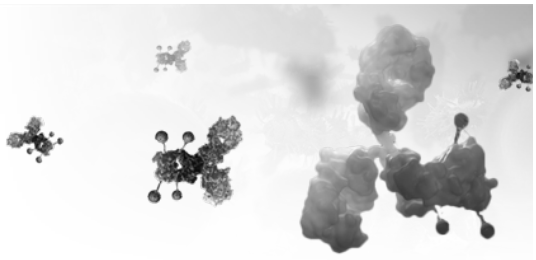

Mouse C1QA peptide (DAG-P0221)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 C1q domain.Contains 1 collagen-like domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	C1qa complement component 1, q subcomponent, alpha polypeptide [Mus musculus (house mouse)]
Official Symbol	C1QA
Synonyms	C1QA; complement component 1, q subcomponent, alpha polypeptide; C1q; AI255395; complement C1q subcomponent subunit A;
Entrez Gene ID	12259

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mRNA Refseq	NM_007572.2
Protein Refseq	NP_031598.2
UniProt ID	P98086
Chromosome Location	4 D3; 4 69.05 cM
Pathway	Allograft Rejection, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Classical antibody-mediated complement activation, organism-specific biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation casc
Function	protein binding;

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