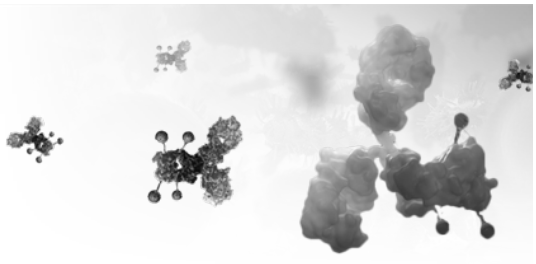

C9 peptide (DAG-P0120)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes the final component of the complement system. It 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 component C9 deficiency. [provided by RefSeq, Feb 2009]
Specificity	Plasma.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the complement C6/C7/C8/C9 family.Contains 1 EGF-like domain.Contains 1 LDL-receptor class A domain.Contains 1 MACPF domain.Contains 1 TSP type-1 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	C9 complement component 9 [Homo sapiens (human)]
Official Symbol	C9
Synonyms	C9; complement component 9; C9D; ARMD15; complement component C9;
Entrez Gene ID	735
mRNA Refseq	NM_001737.3

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Protein Refseq	NP_001728.1
UniProt ID	P02748
Chromosome Location	5p14-p12
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved 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 cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Prion diseases, organ

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