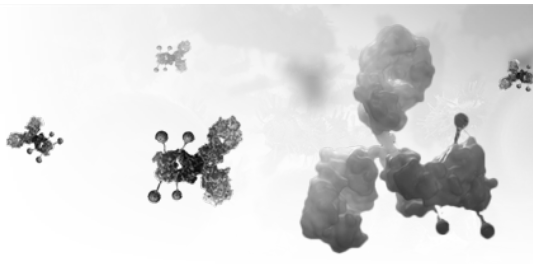

C2 peptide (DAG-P0209)

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

PRODUCT INFORMATION

Antigen Description	Component C2 which is part of the classical pathway of the complement system is cleaved by activated factor C1 into two fragments: C2b and C2a. C2a, a serine protease, then combines with complement factor 4b to generate the C3 or C5 convertase.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	C2 complement component 2 (within H-2S) [Mus musculus (house mouse)]
Official Symbol	C2
Synonyms	C2; complement component 2 (within H-2S); complement C2; C3/C5 convertase; complement factor C2; MHC complement component C2; classical-complement pathway C3/C5 convertase;
Entrez Gene ID	12263
mRNA Refseq	NM_013484.2
Protein Refseq	NP_038512.2
UniProt ID	P21180

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Chromosome Location	17 B1; 17 18.41 cM
Pathway	Activation of C3 and C5, organism-specific biosystem; Allograft Rejection, 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 cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism
Function	catalytic activity; hydrolase activity; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;

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