



Human C1R peptide (DAG-P0243)

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

PRODUCT INFORMATION

Antigen Description	C1r B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the peptidase S1 family.Contains 2 CUB domains.Contains 1 EGF-like domain.Contains 1 peptidase S1 domain.Contains 2 Sushi (CCP/SCR) domains.
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	C1R complement component 1, r subcomponent [Homo sapiens (human)]
Official Symbol	C1R
Synonyms	C1R; complement component 1, r subcomponent; complement C1r subcomponent;
Entrez Gene ID	715
mRNA Refseq	NM_001733.4
Protein Refseq	NP_001724.3
UniProt ID	P00736

Chromosome Location	12p13
Pathway	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 cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem; Immune System, organism-specific biosystem; Ini
Function	calcium ion binding; protein binding; serine-type endopeptidase activity; serine-type peptidase activity;