



Human C6 peptide (DAG-P0224)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a component of the complement cascade. The encoded protein is part of the membrane attack complex that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described.[provided by RefSeq, Nov 2012]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the complement C6/C7/C8/C9 family.Contains 1 EGF-like domain.Contains 2 Kazal-like domains.Contains 1 LDL-receptor class A domain.Contains 1 MACPF domain.Contains 2 Sushi (CCP/SCR) domains.Contains 3 TSP type-1 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	C6 complement component 6 [Homo sapiens (human)]
Official Symbol	C6
Synonyms	C6; complement component 6; complement component C6;
Entrez Gene ID	729

mRNA Refseq	NM_000065.3
Protein Refseq	NP_000056.2
UniProt ID	P13671
Chromosome Location	5p13
Pathway	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, organism-specific biosystem; Prion diseases, conserved biosystem; Regulation of
Function	protein binding;