



## **Human C9 Protein (DAG4674)**

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

## PRODUCT INFORMATION

Product Overview	Human C9 Protein
Antigen Description	Native human C9 is a naturally glycosylated (7.8%) protein composed of a single polypeptide chain. The molecular weight is 71,000 Da. C9 binds to the C5b-8 complex and forms the mature membrane attack complex (MAC) on cell membranes. Each pathway of compl
Species	Human
Purity	> 90% by SDS-PAGE
Conjugate	Unconjugated
Applications	immunogen
Format	Frozen liquid
Concentration	1.0 mg/ml (see Certificate of Analysis for actual concentration)
Size	0.25 mg
Buffer	10 mM sodium phosphate, 145 mM NaCl, pH 7.3
Preservative	None
Storage	2-8°C short term, -20°C long term

## **BACKGROUND**

**Introduction** 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]

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