

## Recombinant Rat C9 Protein, His-tagged

Cat. No. C9-349R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat C9 Protein (Leu336-Arg554) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu336-Arg554
<b>Description</b>	Involved in blood coagulation. Predicted to be located in extracellular space and plasma membrane. Predicted to be part of membrane attack complex. Biomarker of polycystic kidney disease. Human ortholog(s) of this gene implicated in age related macular degeneration 15 and complement component 9 deficiency. Orthologous to human C9 (complement C9).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.2 kDa Accurate Molecular Mass: 28 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

C9 complement component 9 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

C9

**Synonyms**

C9; complement component 9; complement component C9

**Gene ID**

117512

**mRNA Refseq**

NM\_057146

**Protein Refseq**

NP\_476487

**UniProt ID**

Q62930

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