

Recombinant Rat C9 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat C9 Protein (Leu336-Arg554) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu336-Arg554
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.2 kDa Accurate Molecular Mass: 28 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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