

## Recombinant Full Length Human C9 Protein, GST-tagged

Cat. No. C9-44HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human C9 full-length ORF (22 a.a. - 559 a.a) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	84.92 kDa
<b>AA Sequence</b>	<p>QYTTSYDPEL TESSGSASHI DCRMSPWSEW SQCDPCLRQM FRSRSEVFG            QFNGKRCTDA VGDRRQCVPT EPCEDAEDDC GNDFQCSTGR CIKMLRCNG            DNDCGDFSDE DDCSEPRPP CRDRVVEESE LARTAGYGIN ILGMDPLSTP            FDNEFYNGLC NRDRDGNTLT YYRRPWNVAS LIYETKGEKN FRTEHYEEQI            EAFKSIIQEK TSNFNAAISL KFTPTETNKA EQCCEETASS ISLHGKGSFR            FSYSKNETYQ LFLSYSSKKE KMFLHVKGEI HLGRFVMRNR DVVLTTTFVD            DIKALPTTYE KGEYFAFLET YGTHYSSSGS LGGLYELIYV LDKASMKRKG            VELKDIKRCL GYHLDVSLAF SEISVGAEFN KDDCVKRGE G RAVNITSEN            L IDDVVSLIRG GTRKYAFELK EKLLRGTVID VTDFVNWASS INDAPVLISQ</p>

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KLSPYINLVP VKMKNAHLKK QNLERAIEDY INEFSVRKCH TCQNGGTVIL  
MDGKCLCACP FKFEGIACEI SKQKISEGLP ALEFPNEK

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

C9 complement component 9 [ Homo sapiens ]

**Official Symbol**

C9

**Synonyms**

C9D; ARMD15; complement component C9

**Gene ID**

735

**mRNA Refseq**

NM\_001737

**Protein Refseq**

NP\_001728

**MIM**

120940

**UniProt ID**

P02748

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