

Recombinant Full Length Human C9 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human C9 full-length ORF (22 a.a. - 559 a.a) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	84.92 kDa
AA Sequence	QYTTSYDPEL TESSGSASHI DCRMSPWSEW SQCDPCLRQM FRSRSIEVFG QFNGKRCTDA VGDRRQCVPT EPCEDAEDDC GNDFQCSTGR CIKMRLRCNG DND CGDFSDE DDCESEPRPP 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 KDDCVKRGEK RAVNITSEN IDDVVSIRG GTRKYAFELK EKLLRGTVID VTDFVNWASS INDAPVLISQ

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KLSPYINLVP VKMKNAHLKK QNLERAIEDY INEFSVRKCH TCQNGGTVIL
MDGKCLCACP FKFEIGACEI 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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