

Recombinant Human C9, GST-tagged

Cat. No. C9-26247TH **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	Wheat Germ
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	QYTTSYDPELTSSGSASHIDCRMSPWSEWSQCDPCLRQMFRSRSIEVFGQFNGK RCTDAVGDRRQCVPTPECD AEDDCGND FQCSTGRCIKMRLRCNGDND CGDFSD EDDCESEPRPPCRDRVVEESELARTAGYGINILGMDPLSTP FDNEFYNGLCNRDRD GNTLTYYRRPWNVASLIYETKGEKNFRTEHYEEQIEAFKSIIQEKTSNFNAAISLKFTP T ETNKAEQCCEETASSISLHGKGSFRFSYSKNETYQLFLSYSSKKEKMFLHVKG EIH LGRFVMRNRDVVLTTTFVD DIKALPTTYEKGEYFAFLETYGYTHYSSSGSLGGLYELI YVLDKASMKRKGVELKDIKRC LGYHLDVSLAFSEISV GAEFNKDDCVKRGEGRAVNI TSENLIDDVSLIRGGTRKYAFELKEKLLRGTVIDVTD FVNWASSINDAPVLISQ KLSP IYNLVPVKMKNAHLKKQNLERAIEDYINEFSVRKCHTCQNGGT VILMDGKCLCACPF

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KFEGIAACEISKQKI SEGLPALEFPNEK

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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

Chromosome Location

5p14-p12

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Complement Activation, Classical Pathway, organism-specific biosystem

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