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) fussed 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	QYTTSYDPELTESSGSASHIDCRMSPWSEWSQCDPCLRQMFRSRSIEVFGQFNGK RCTDAVGDRRQCVPTEPCED AEDDCGNDFQCSTGRCIKMRLRCNGDNDCGDFSD EDDCESEPRPPCRDRVVEESELARTAGYGINILGMDPLSTP FDNEFYNGLCNRDRD GNTLTYYRRPWNVASLIYETKGEKNFRTEHYEEQIEAFKSIIQEKTSNFNAAISLKFTP T ETNKAEQCCEETASSISLHGKGSFRFSYSKNETYQLFLSYSSKKEKMFLHVKGEIH LGRFVMRNRDVVLTTTFVD DIKALPTTYEKGEYFAFLETYGTHYSSSGSLGGLYELI YVLDKASMKRKGVELKDIKRCLGYHLDVSLAFSEISV GAEFNKDDCVKRGEGRAVNI TSENLIDDVVSLIRGGTRKYAFELKEKLLRGTVIDVTDFVNWASSINDAPVLISQ KLSP IYNLVPVKMKNAHLKKQNLERAIEDYINEFSVRKCHTCQNGGTVILMDGKCLCACPF

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	KFEGIACEISKQKI 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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