

Recombinant Rat C9 Protein

Cat. No. C9-04R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat C9 Protein was expressed in E. coli.
Species	Rat
Source	E.coli
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	Liquid. In 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.
Molecular Mass	~60.3 kDa
AA Sequence	QAPEPTPREEPSADALLPIDCRMSTWSQWSQCDPCLKQRFRSRSIEVFGQFQGKS CADALGDRQHCEPTQECEEVQENCGNDFQCETGRCIKRKLLCNGDNDCGDFSDES DCESDPRLPCRDRVVEESELGRTAGYGINILGMDPLGTPFDNEFYNGLCDRVRDGN TLTYRKPWNVAFLAYETKADKNFRTENYEEQFEMFKTIVRDRTTSFNANLALKFTIT EAPIKKVGVDEVSPKNSKPKDSSVDFQFSYFKKENFQRLSSYLSQTKKMFLHVK GMIQLGRFVMNRNGVMLTTTFLDDVKALPVSYEKGEYFGFLETYGTHYSSSGSLGG LYELIYVLDKASMKEKGVELSDVKRCLGFNLDVSLYTPLQTALEGPSLTANVNHSDC LKTGDGKVVNISRDHIIDDVISFIRGGTRKQAVLLKEKLLRGAKTIDVNDFINWASSLD DAPALISQKLSPiYNLIPLTMKDAYAKKQNMKAIEDYVNEFSARKCYPCQNGGTAILL

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	DGQCMCSTIKFKGIACEISKQR
Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.21 mg/ml
Official Full Name	Complement C9

GENE INFORMATION

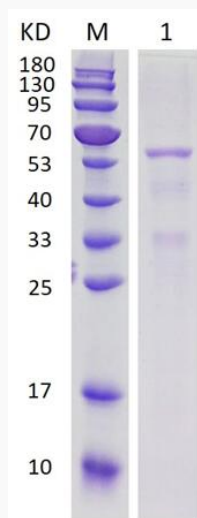
Gene Name	C9 complement C9 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	C9
Synonyms	C9D; ARMD15
Gene ID	117512
mRNA Refseq	NM_057146
Protein Refseq	NP_476487
UniProt ID	Q62930

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SDS-PAGE



15% SDS-PAGE analysis profiles of purified Rat C9 (CBB stained).

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