

Recombinant Mouse C9 Protein

Cat. No. C9-05M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C9 Protein was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Predicted to be involved in blood coagulation; cell killing; and protein homooligomerization. Predicted to act upstream of or within complement activation, alternative pathway; complement activation, classical pathway; and cytolysis. Predicted to be located in extracellular space and plasma membrane. Predicted to be part of membrane attack complex. Is expressed in several structures, including brain; endocrine gland; genitourinary system; liver; and submandibular gland. 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	~60.1 kDa
AA Sequence	QMPIPVSRREEQEQHYPIPIDCRMSPWSNWSECDPCLKQRFRRSILAFGQFNGKSC VDVLGDRQGCEPTQECEEIQENCGNDFQCETGRCIKRRLLCNGDND CGDYSDEND CDDDPRTPCRDRVAEESELGLTAGYGINILGMEPLRTPFDNEFYNGLCDRVRDEKT YYRKPNVNVSLIYETKADKSFRTENYDEHLEVFKAINREKTSNFNADFALKFSATEVP EKGAGEVSPA EHSSKPTNISAKFKFSYFMGKNFRRLSSYFSQSKKMFVHLRGVVQL GRFVMNRNRDVLRSTFLDDVKALPTS YEKG EYFGFLETYGYTHYSTSGSLGGQYEIV

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YVLDKASMKEKGVDLNDVKHCLGFNMDLRIPQLQDDLKDasVTASVNADGCIKTDNG
KTVNITRDNIIDDVISFIRGGTREQAILLKEKILRGDKTFDKTDFANWASSLANAPALIS
QRMSPiYNLIPLKIKDAYIKKQNLKAVEDYIDEFSTKRCYPCLNGGTIILLDGQCLCSC
PMMFRGMACEIHQKI

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 component 9

GENE INFORMATION

Gene Name C9 complement component 9 [Mus musculus (house mouse)]

Official Symbol C9

Synonyms C9D; ARMD15

Gene ID 12279

mRNA Refseq NM_001368420

Protein Refseq NP_001355349

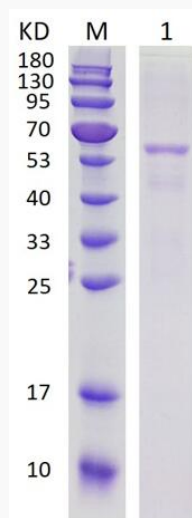
UniProt ID P06683

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SDS-PAGE



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

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