

# Recombinant Human C9 protein ab114199

### 1 图像

#### 描述

产品名称	重组人C9蛋白
表达系统	Wheat germ
Accession	<b><u>P02748</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	QYTTSDPEL TESSGSASHIDCRMSPWSEWSQCDPCLRQMFR SRSIEVFG QFNGKRCTDAVGDRRQCVPTPECEDAEDDCGNDQCSTGRCI KMRLRCNG DNDCGDFSEDDCESEPRPPCRDRVVEESELARTAGYGINIL GMDPLSTP FDNEFYNGLCNRDRDGNLTYYRRPWNVASLIYETKGEKNFR TEHYEEQI EAFKSIIQEKTSNFNAAISLKFTPTETNKAEQCCEETASSIS LHGKGSFR FSYSKNETYQLFLSYSSKKEKMFLHVKGGEIHLGRFVMRNRDV VLTTTFVD DIKALPTTYEKGEYFAFLETYGTHYSSGSLGGLYELIYVLD KASKRKG VELKDIKRCLGYHLDVSLAFSEISVGAEFNKDDCVKREGRA VNITSEN IDDVSLIRGGTRKYAFELKEKLLRGTVIDVDFVNWASSIN DAPVLISQ KLSPIYNLVPVKMNAHLKKQNLERAIEDYINEFSVRKCHTC QNGGTVIL MDGKCLCACPFKFEGIACEISKQKISEGLPALEFPNEK
预测分子量	85 kDa including tags
氨基酸	22 to 559

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab114199** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>应用</b>	SDS-PAGE Western blot ELISA
<b>形式</b>	Liquid

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#### 制备和贮存

<b>稳定性和存储</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
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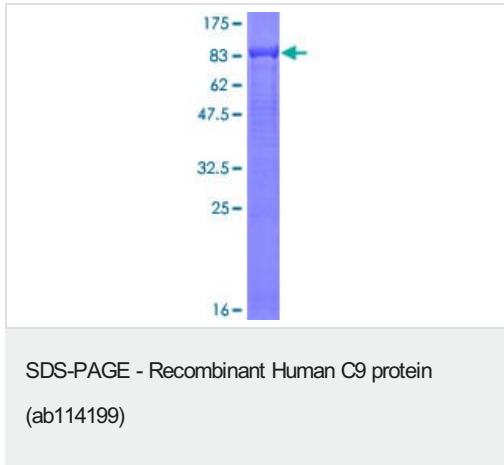
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#### 常规信息

<b>功能</b>	Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.
<b>组织特异性</b>	Plasma.
<b>疾病相关</b>	Defects in C9 are a cause of complement component 9 deficiency (C9D) [MIM:613825]. A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by Neisseria gonorrhoeae or Neisseria meningitidis.
<b>序列相似性</b>	Belongs to the complement C6/C7/C8/C9 family. Contains 1 EGF-like domain. Contains 1 LDL-receptor class A domain. Contains 1 MACPF domain. Contains 1 TSP type-1 domain.
<b>翻译后修饰</b>	Thrombin cleaves factor C9 to produce C9a and C9b. Phosphorylation sites are present in the extracellular medium.
<b>细胞定位</b>	Secreted. Cell membrane. Secreted as soluble monomer. Oligomerizes at target membranes, forming a pre-pore. A conformation change then leads to the formation of a 100 Angstrom diameter pore.

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#### 图片



ab114199 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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