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C-reactive protein, 20-230aa, Rat, His tag, Insect cell

产品货号: TP01380

第三版

别名: Crp, Aa1249, Ab1-341, Ab2-196, Ac1-114, Ac1262, Ac2-069, Ba2-693

**描述:** CRP, also known as c-reactive protein, displays several functions associated with host defense. It promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine and can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. Recombinant rat CRP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 24.1kDa (217aa) 28-40kDa (SDS-PAGE under reducing conditions.)

**序列:**

HEDMSKQAFVFPQVSATAYVSLEAESKPLEAFTVCLYAHADVSRFSIFS YATKTSFNEILLFWTRGQGFSIAVGGPEILFSA  
SEIPEVPTHICATWESATGIVELWLDGKPRVRKSLQKGYIVGTNASIILGQEQDSYGGGFDANQSLVGDIGDVMWDFVL  
SPEQINAVYVGRVFSNVLNWRALKYETHGDVFIKPQLWPLTDCCESHHHHH

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.