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C-reactive protein, 20-225aa, Mouse, His tag, Insect cell

产品货号: TP01379

第三版

别名:C-reactive protein, pentraxin-related, Crp

描述:CRP, also known as c-reactive protein, is a member of the pentraxin family of proteins. It promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Recombinant mouse CRP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 0.1M PMSF, 40% glycerol.

分子量:24.1kDa (214aa), 18-28kDa (SDS-PAGE under reducing conditions)

序列:

HEDMFKKAFVFPKESDTSYVSLEAESKKPLNTFTVCLHFYDALSTVRSFSVFSYATKKNNSNDILIFWNKDKQYTFGVGGAEV  
RFMVSEIPEAPTHICASWESATGIVEFWIDGKPKVRKSLHKGTYVGPDASIILGQEQDSYGGDFDAKQSLVGDIGDVNMW  
DFVLSPEQISTVYVGGTLPNVLNWRALNYKAQGDVFIKPLWSLEHHHHHH

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.