

## CRP, Human Recombinant

<b>CATALOG NO.:</b>	4864-250 , 1000
<b>AMOUNT:</b>	250 µg, 1 mg
<b>SOURCE:</b>	<i>E. coli</i>
<b>PURITY:</b>	Single band by SDS-PAGE analysis
<b>MOL. WEIGHT:</b>	115 kDa
<b>FORMULATION:</b>	In 140 mM NaCl, 20 mM Tris-HCl, 2 mM CaCl <sub>2</sub> , 0.05% NaN <sub>3</sub> , pH 7.5.
<b>PHYSICAL APPEARANCE:</b>	Clear solution
<b>STORAGE CONDITIONS:</b>	CRP solution should be stored at working aliquots at +4°C.
<b>DESCRIPTION:</b>	C-Reactive protein (CRP) is an acute-phase protein that can have both pro-and anti-inflammatory effects. CRP is synthesized by the liver in response to factors released by fat cells or adipocytes. CRP is a member of the pentaxin family of proteins and in its native form is composed of five identical subunits, non-covalently linked to form a symmetrical disc of ~ 115 KDa. Widely used as a clinical marker of the state of inflammation.
<b>BIOLOGICAL ACTIVITY:</b>	Displays Ca <sup>2+</sup> -dependent binding ability to phosphorylcholine.
<b>HANDLING:</b>	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- CRP, Human, Recombinant (Cat. No. 4863-10, 50, 1000)