

CRP, Human Recombinant

CATALOG NO.:	4864-250 , 1000
AMOUNT:	250 µg, 1 mg
SOURCE:	<i>E. coli</i>
PURITY:	Single band by SDS-PAGE analysis
MOL. WEIGHT:	115 kDa
FORMULATION:	In 140 mM NaCl, 20 mM Tris-HCl, 2 mM CaCl ₂ , 0.05% NaN ₃ , pH 7.5.
PHYSICAL APPEARANCE:	Clear solution
STORAGE CONDITIONS:	CRP solution should be stored at working aliquots at +4°C.
DESCRIPTION:	<p>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.</p>
BIOLOGICAL ACTIVITY:	Displays Ca ²⁺ -dependent binding ability to phosphorylcholine.
HANDLING:	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**)

FOR RESEARCH USE ONLY! Not to be used on humans.