

**CRP, 19-224aa, Human, E.coli**

**Cat.NO.: TP01719**

3th Edition

**Synonyms:**C-reactive protein, PTX1.

**Description:**CRP (C-reactive protein) belongs to the pentaxin family. This protein is found in the blood, its levels rise dramatically during inflammatory processes occurring in the body. This increment is due to a rise in the plasma concentration of IL-6, which is produced predominantly by macrophages as well as adipocytes.

**Form:**Liquid. In 20mM Tris-HCl, pH8.0, 2M Urea, 20%Glycerol

**Molecular Weight:**23.2kDa (207aa)

**Sequences:**

MQTDMSRKAFVFPKESDTSYVSLKAPLTKPLKAFTVCLHFYTELSSTRGYSIFS YATKRQDNEILIFWSKDIGYSFTV  
GGSEILFEVPEVTVAPVHICTSWESASGIVEFWVDGKPRVRKSLKKG YTVGAEASIILGQEQDSFGGNFEGSQSLV  
GDIGNVNMWDFVLSPDEINTIYLGPFSPNVLNWRALKYEVQGEVFTK PQLWP

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

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

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.