

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 YTVGAESIILGQEQDSFGGNFEGSQSLV
GDIGNVNMWDFVLSPDEINTIYLG GPFSPNVLNWRALKYEVQGEVFTKPQLWP

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.