

32-13168: CRP Mouse

Alternative Name : C-reactive protein, pentraxin-related, Crp.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

C-Reactive Protein or CRP, is a protein, part of the pentraxin superfamily. Among the protein's activities, CRP can promote agglutination, swelling of the bacteria capsule, phagocytosis etc. this protein can also cause complement fixation via a calcium-dependent binding to the molecule phosphorylcholine.

CRP Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 214 amino acids (20-225 a.a) and having a molecular mass of 24.1 kDa. CRP is fused to a 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : CRP solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M PMSF and 40% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : HEDMFKKAFV FPKESDTSYV SLEAESKKPL NTFTVCLHFY TALSTVRSFS VFSYATKKNS NDILIFWNKD
KQYTFGVGGA EVRFMVSEIP EAPTHICASW ESATGIVEFW IDGKPKVRKS LHKGYTVGPD ASIILGQEQD
SYGGDFDAKQ SLVGDIGDVN MWDFVLSPEQ ISTVYVGRTL SPNVLNWRAL NYKAQGDVFI
KPQLWSLEHH HHHH.