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32-13723: C3 Rabbit

Format : C3 solution contains 145 mM NaCl, 10 mM sodium phosphate, pH 7.2.

Alternative Name : Complement C3, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, C3, CPAMD1.

Description

Source:Rabbit Plasma.
Physical Appearance:Sterile filtered solution.
Biological Activitynull
C3 is central to the activation of all 3 pathways of complement activation. Initiation of each pathway generates proteolytic enzyme complexes which binds the target surface. These enzymes cleave a peptide bond in C3 releasing the anaphylatoxin C3a and activating C3b. Most of the C3 activated during complement activation never attaches to the surface due to its thioester reaction with water forming fluid phase C3b which is rapidly inactivated by factors H and I forming iC3b. Surface-bound C3b is necessary in all 3 pathways for efficient activation of C5 and formation of C5b-9 complexes that lyse the target cell membrane.
Rabbit Complement C3 produced in Rabbit plasma having a molecular mass of 185 kDa.

Product Info

Amount :	50 µg / 10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Storage condition :	C3 Rabbit is stable at 4°C if entire vial will be used within 2-4 weeks.Store, frozen below -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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.