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32-13736: C7 Human

Format : C7 protein solution contains 10mM Sodium phosphate and 145mM NaCl, pH 7.3.
Alternative Name : Complement component C7, C7.

Description

Source:Human Plasma.
Physical Appearance:Sterile filtered solution.
Biological Activitynull
C7 is necessary for formation of the membrane attack complex and is activated by bindingat the cell membrane to recently-formed C5b,C6 complexes. Each pathway of complement activation generates proteolytic enzyme complexes which bind the target surface. These enzymes cleave a peptide bond in the larger alpha chain of C5 releasing C5a and activating C5b. Although C5b is unstable it remains bound to the activating complex for a few minutes during which it binds a single C6 from the surrounding fluid or it decays and is no longer capable of forming MAC. The C5b,6 complex may also remain connected to the C3/C5 convertase where the binding of a single C7 exposes a membrane-binding region and C5b,6,7 can enter into the bilipid layer of the target cell.
Human Complement C7 produced in Human plasma having a molecular mass of 92.4kDa.

Product Info

Amount :	100 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Storage condition :	C7 Human 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.