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32-13735: C6 Human

Format : C6 protein solution contains phosphate buffer saline, pH 7.2.
Alternative Name : Complement component C6, C6.

Description

Source:Human Plasma.
Physical Appearance:Sterile filtered solution.
Biological Activitynull
C6 is necessary for membrane attack complex formation and is activated by binding to recently-formed C5b at the cell membrane.Each pathway of complement activation generates proteolytic enzyme complexes which are bound to 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 C6 produced in Human plasma having a molecular mass of 105 kDa.

Product Info

Amount :	100 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Storage condition :	C6 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.