9051 Mira Mesa Blvd, #910094
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C2 Human

Complement C2 Human
RCP0277

Product Overview

Name	C2 Human
Description	
Complement C2 Human	
Accession (Primary)	P06681
Synonyms	
Complement C2, C3/C5 convertase, C2.	
Introduction	
C2 forms the proteolytic subunit of the C3 and C5 convertase of both pathways. Initiation of each pathway generates proteolytic enzyme complexes which binds to the target surface. C1s and MASP in these complexes activate both C4 and C2. They cleave a peptide bond in C4 depositing C4b on the surface and also cleave C2 into 2 fragments.	
Source	
Human Plasma.	
Physical Appearance	
Sterile Filtered solution.	
Formulation	
25mM sodium phosphate and 100mM NaCl, pH 6.0.	
Stability	
C2 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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Human Virus Test	
Plasma from each donor has been tested and found negative for antibody to HIV-1, HIV-2, HCV and HBSAG.	
Precautions	
C2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P06681)

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