

C5

Native Human Complement C5

Catalog No.	CRC166A CRC166B	Quantity:	50 µg 250 µg
Alternate Names:	Complement C5		
Description:	Complement C5 is part of the complement system and the body's innate immune system. The complement system is important for controlling inflammation, homeostasis, and defending the body against foreign pathogens. C5 complement, which forms part of the later stages of the complement pathway, is cleaved into C5a and C5b. C5a is a chemotactic agent for neutrophils, while C5b forms part of the complement membrane attack complex.		
UniProt ID:	P01031		
Gene ID:	727		
Source:	Human Plasma		
Molecular Weight:	190 kDa		
Formulation:	PBS, pH 7.4		
Purity:	>95% by SDS-PAGE		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.03$		
Application Notes:	Western blot: reacts with C5 antisera Not for biological activity.		
Storage & Stability:	Store as supplied at -80°C for up to 1 year.		
Infectious Disease Statement:	Prepared from plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA-required tests.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com