

C4B

Native Human Complement Component C4c

Catalog No.	CRC165A	Quantity:	200 µg
	CRC165B		1 mg
	CRC165C		10 mg

Description: Native Human Complement Component C4c. Complement C4c is a degradation product of C4b which is cleaved by C4b/C3b inactivator to yield C4d and C4c.

Complement C4c interacts with C1 and C2 to form C3 convertase of the classic activation pathway. Systemic lupus erythematosus (SLE) is often associated with congenital C4 deficiency. Reduced levels of components of the classic pathway (C1, C2, C4, C3) are common after such activation, e.g. in SLE, acute serum sickness and conditions associated with circulating immune complexes.

GeneID: 721 (Complement Component C4b)

Source: Human Plasma

Molecular Weight: 210 kDa

Formulation: Sterile filtered clear solution of Sodium Phosphate Buffer, pH 7.0, + 0.15 M NaCl, + 0.09% NaN₃.

Purity: >99.0%

Endotoxin Level: < 0.1 ng/µg of protein.

Storage & Stability: Stable at 2-4°C for 1 week. For long term storage, aliquot and freeze at -20°C. **Avoid repeated freeze-thaw cycles.**

Certification: Plasma from each donor has been tested and found negative for HIV-1 & 2 antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.

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