

Native Human Complement C4c

Cat. No. C4-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Plasma
Description	Complement C4 (C4) plays a central role in both the classical and lectin pathways of complement activation, with levels in human plasma ~0.4 mg/ml. C4 circulates in human plasma as a heterotrimer of 205,000 Da in plasma. The three disulfide-linked chains have molecular weights of 93 (alpha), 75 (beta), and 32 (gamma) kDa, although C4 is readily processed to smaller fragments (C4a, C4b, C4c), as evidenced by the molecular weight description below.
Form	Frozen
Bio-activity	Not biologically active
Molecular Mass	147000
Purity	>= 85% by SDS-PAGE Reacts to C4 antisera on Western Blot
Usage	For research use or for use in further manufacturing.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	>1 year
Storage	<= -70°C - avoid
Storage Buffer	Phosphate Buffered Saline, pH 7.4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA