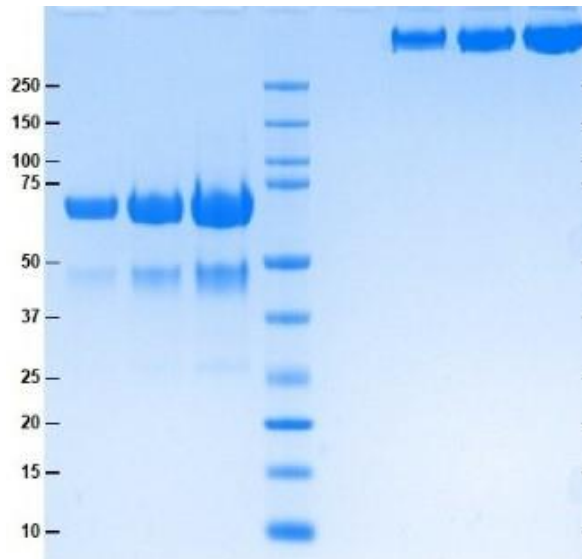


## Gel Scan of Representative Lot C4b-Binding Protein, (C4BP, C4bBP)

ART Catalog No. 16-16-030402



### SDS-PAGE

4-12% Bis-Tris gel, 1x MES

1. C4b-Binding Protein, (C4BP, C4bBP) 5 µg (Heated/Reduced)
2. C4b-Binding Protein, (C4BP, C4bBP) 10 µg (Heated/Reduced)
3. C4b-Binding Protein, (C4BP, C4bBP) 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. C4b-Binding Protein, (C4BP, C4bBP) 5 µg (Not Heated/Non-Reduced)
7. C4b-Binding Protein, (C4BP, C4bBP) 10 µg (Not Heated/Non-Reduced)
8. C4b-Binding Protein, (C4BP, C4bBP) 20 µg (Not Heated/Non-Reduced)

#### Protein Determination:

Extinction Coefficient (E) = 1.40 (0.1% at 280 nm,  
1 cm pathway)

#### Molecular Weight:

570,000 (Whole)  
70,000 - 75,000 (Alpha chains);  
40,000 - 45,000 (Beta chains)

#### Physical Specifications:

Form: Lyophilized  
Purity: ≥ 95% by SDS-PAGE.  
Free of Protein S

#### Considerations:

Storage Conditions: ≤ -20 °C  
Stability: > 1 year

#### Buffer:

Lyophilized from 10 mM Tris pH 7.4, 100 mM  
NaCl, 0.05% sodium azide

## Product Datasheet

<b>Product:</b>	<b>C4b-Binding Protein, (C4BP, C4bBP)</b>
<b>Catalog #:</b>	16-16-030402
<b>Form:</b>	Lyophilized
<b>Available Packaging:</b>	100 µg and 1 mg. Larger aliquots are available upon request.
<b>Buffer:</b>	Lyophilized from 10 mM Tris pH 7.4, 100 mM NaCl, 0.05% NaN <sub>3</sub>
<b>Purity:</b>	≥ 95% by SDS-PAGE. Free of Protein S
<b>Molecular Weight:</b>	570,000 (Whole) 70,000 - 75,000 (Alpha chains); 40,000 - 45,000 (Beta chains)
<b>Protein Determination:</b>	Extinction Coefficient (E) = 1.40 (0.1% at 280 nm, 1 cm pathway)
<b>Storage/Handling:</b>	≤ -20 °C
<b>Stability:</b>	> 1 year
<b>Source:</b>	Human Plasma
<b>Testing:</b>	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request.

**Product Link:** <https://www.athensresearch.com/products/all/c4b-binding-protein-c4bp-c4bbp-human-plasma-protein-s-free>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**