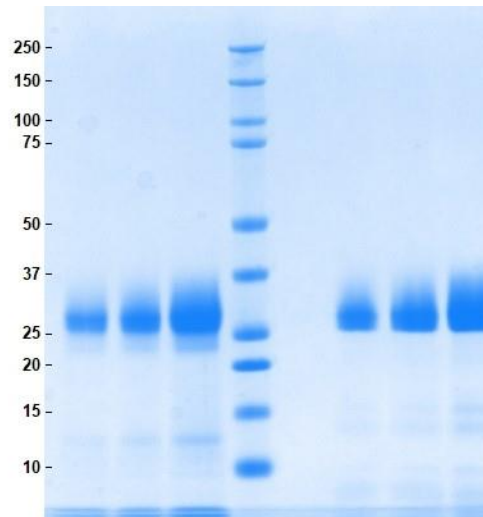# ATHENS
RESEARCH & TECHNOLOGY

Gel Scan of Representative Lot
Azurocidin (Cationic protein 37)
ART Catalog No. 16-14-012621

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

1. Azurocidin (Cationic protein 37) 5 µg (Heated/Reduced)
2. Azurocidin (Cationic protein 37) 10 µg (Heated/Reduced)
3. Azurocidin (Cationic protein 37) 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Azurocidin (Cationic protein 37) 5 µg (Not Heated/Non-Reduced)
7. Azurocidin (Cationic protein 37) 10 µg (Not Heated/Non-Reduced)
8. Azurocidin (Cationic protein 37) 20 µg (Not Heated/Non-Reduced)

Protein Determination:
Extinction Coefficient (E) = 0.51 (0.1% at 280 nm, 1 cm pathway)

Molecular Weight:
37,000 Da. Azurocidin is highly glycosylated, which causes the protein to show a lower molecular weight by SDS-PAGE than the stated of 37 kDa.

Physical Specifications:
Form: Lyophilized
Purity: ≥ 95% by SDS-PAGE

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

Buffer:
Salt-free lyophilized solid.

Product Datasheet

Product:	**Azurocidin (Cationic protein 37)**
Catalog #:	16-14-012621
Form:	Lyophilized
Available Packaging:	100 µg and 1 mg. Larger aliquots are available upon request.
Buffer:	Salt-free lyophilized solid.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	37,000 Da. Azurocidin is highly glycosylated, which causes the protein to show a lower molecular weight by SDS-PAGE than the stated of 37 kDa.
Protein Determination:	Extinction Coefficient (E) = 0.51 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Neutrophil
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material was tested and found negative for HIV, HBV, HCV, and syphilis prior to collection. Documentation of testing is maintained and available upon request.

Product Link: https://www.athensresearch.com/products/all/azurocidin-human-neutrophil----cap37-cationic-protein-37

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY