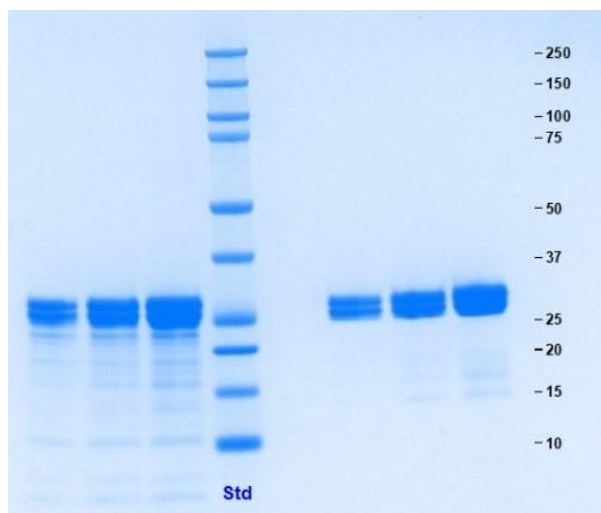


Gel Scan of Representative Lot Cathepsin G

ART Catalog No. 16-14-030107



SDS-PAGE

4-12% Bis-Tris gel

1. Cathepsin G- 5 µg (Heated/Reduced)
2. Cathepsin G- 10 µg (Heated/Reduced)
3. Cathepsin G- 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Cathepsin G- 5 µg (Not Heated/Non-Reduced)
7. Cathepsin G- 10 µg (Not Heated/Non-Reduced)
8. Cathepsin G- 20 µg (Not Heated/Non-Reduced)

Protein Determination:

Extinction Coefficient (E) = 0.664 (0.1% at 280 nm, 1cm pathway)

Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

Molecular Weight:

23,500 Da

Buffer:

Deionized Water

Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-Page

Your Distributor

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Active Bioscience GmbH
 Oberaltenallee 8
 D-22081 Hamburg
 HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	Cathepsin G
Catalog #:	16-14-030107
Form:	Lyophilized
Available Packaging:	50 and 100 µg. Larger aliquots are available upon request.
Buffer:	Salt-free lyophilized solid.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	23,500 Da
Activity:	2-4 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes 1 µmol of Suc-Ala-Ala Pro-Phe-pNA (1 mM) per minute at 25 °C in 160 mM Tris-HCl, pH 7.4, with 1.6 M NaCl.
Protein Determination:	Extinction Coefficient (E) = 0.664 (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/cathepsin-g-human-neutrophil>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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