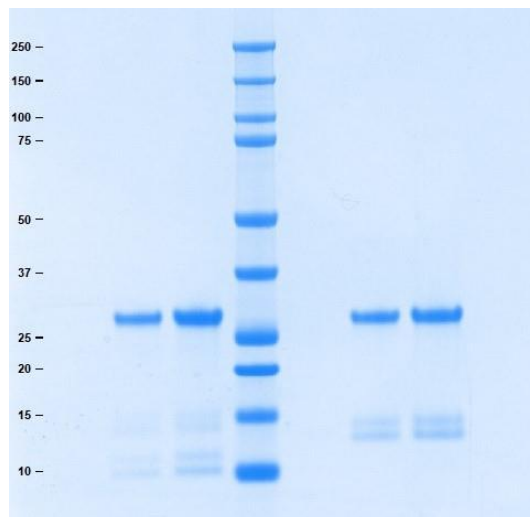


Gel Scan of Representative Lot Cathepsin D

ART Catalog No. 16-12-030104



SDS-PAGE

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

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

Protein Determination:

Extinction Coefficient (E) = 1.00 (0.1% at 280 nm, 1 cm pathway)

Molecular Weight:

42,000 Da

Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-PAGE

Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

Buffer:

Lyophilized from 2 mM sodium phosphate, pH 6.5.

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Tel.: +49 40 4320 8448 - 11
support@active-bioscience.de

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

Product Datasheet

Product:	Cathepsin D
Catalog #:	16-12-030104
Form:	Lyophilized
Available Packaging:	25, 50, and 100 µg. Larger aliquots are available upon request.
Buffer:	Lyophilized from 2 mM sodium phosphate, pH 6.5.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	42,000 Da
Activity:	≥ 300 units per mg protein. One unit is defined as the amount of enzyme that digests hemoglobin-releasing peptides, which are soluble in 10% TCA. The reaction is measured by an increase in A280 of 1.0 per 60 minutes at 37 °C.
Protein Determination:	Extinction Coefficient (E) = 1.00 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Tissue
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Donors are screened by the supplier and confirmed negative for HIV-1/2, Hepatitis B (HBV), and Hepatitis C (HCV). Donor eligibility and testing practices are documented and traceable.

Product Link: <https://www.athensresearch.com/products/all/cathepsin-d-human-liver>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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