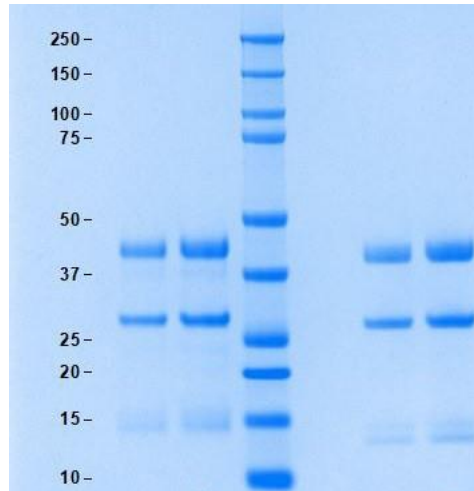


Gel Scan of Representative Lot Cathepsin D, Bovine

ART Catalog No. 16-SP-030104-Bovine



SDS-PAGE

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

1. Cathepsin D, Bovine 4 µg (Heated/Reduced)
2. Cathepsin D, Bovine 7 µg (Heated/Reduced)
3. Standard
4. Blank
5. Cathepsin D, Bovine 4 µg (Not Heated/Non-Reduced)
6. Cathepsin D, Bovine 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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D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	Cathepsin D, Bovine
Catalog #:	16-SP-030104-Bovine
Form:	Lyophilized
Available Packaging:	1000 units. Larger aliquots available upon request.
Buffer:	Lyophilized from 2 mM sodium phosphate, pH 6.5
Purity:	>95% by SDS-PAGE
Molecular Weight:	42,000 Da
Activity:	>400 units/mg protein. One unit is defined as the amount of enzyme that digests hemoglobin, releasing peptides that 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:	Bovine Spleen
Testing:	Prepared from tissue collected in the contiguous 48 United States from animals under 30 months of age at a USDA-inspected facility. Animals were inspected ante mortem and found free from obvious signs of infectious and contagious diseases.

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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