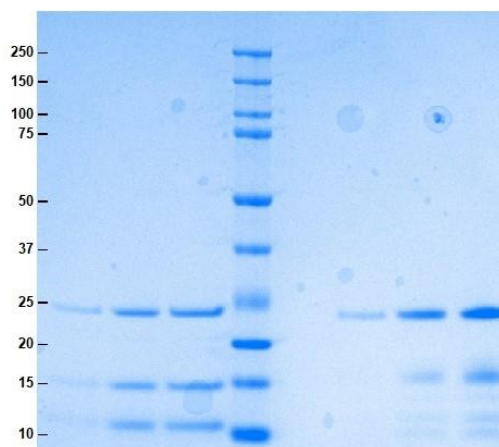


Gel Scan of Representative Lot Chymotrypsin

ART Catalog No. 16-19-030820



SDS-PAGE

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

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

Protein Determination:

Extinction Coefficient (E) = 1.90 (0.1% at 280 nm,
1 cm pathway)

Considerations:

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

Molecular Weight:

25,000 Da

Buffer:

Salt-free lyophilized solid

Physical Specifications:

Form: Lyophilized
Purity: ≥ 95% by SDS-PAGE; shows no trypsin
activity when assayed against N α -benzoyl-L-
arginine-p-nitroanilide

Your Distributor

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D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	Chymotrypsin
Catalog #:	16-19-030820
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; shows no trypsin activity when assayed against Nα-benzoyl-L-arginine-p-nitroanilide
Molecular Weight:	25,000 Da
Activity:	40-70 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes 1 µmol of Suc-Ala-Ala-Pro-Phe-pNA per minute at 21 °C, pH 8.0
Protein Determination:	Extinction Coefficient (E) = 1.90 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Pancreas
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Pancreas-derived materials are obtained from donors screened by the supplier for HIV-1/2, HBV, HCV, HBsAg, and syphilis (RPR). Detailed testing results are retained and can be reviewed on request.

Product Link: <https://www.athensresearch.com/products/all/chymotrypsin-human-pancreas>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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