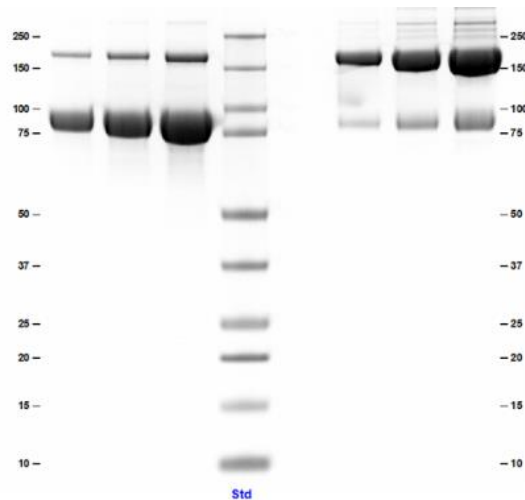


Gel Scan of Representative Lot Butyrylcholinesterase

ART Catalog No. 16-16-020305



SDS-PAGE

4-12% Bis-Tris gel

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

Protein Determination:

Extinction Coefficient (E) = 1.80 (0.1% at 280 nm, 1cm pathway)

Considerations:

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

Molecular Weight:

340,000 Da

Buffer:

100 mM L-Histidine, 240 mM sucrose, 0.3 mM Tween 20, pH 6.0

Physical Specifications:

Form: Lyophilized
Purity: ≥ 90% by SDS-Page

Your Distributor

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

Product Datasheet

Product:	Butyrylcholinesterase
Catalog #:	16-16-020305
Form:	Lyophilized
Available Packaging:	10, 100, and 1,000 units. Larger aliquots are available upon request.
Buffer:	100 mM L-Histidine, 240 mM sucrose, 0.3 mM TWEEN 20, pH 6.0.
Purity:	≥ 90% by SDS-PAGE
Molecular Weight:	340,000 Da
Activity:	≥ 50 U/mg protein. One unit will hydrolyze 1 μmol of butyrylcholine to choline and butyrate per minute at pH 8.0 at 37 °C
Protein Determination:	Extinction Coefficient (E) = 1.80 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Plasma
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request.

Product Link: <https://www.athensresearch.com/products/all/butyrylcholinesterase-human-plasma>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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