

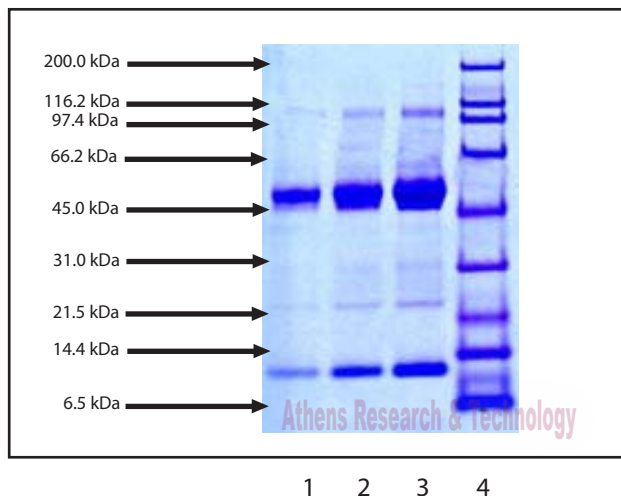
Athens Research & Technology

110 Trans Tech Drive Athens, GA 30601 USA
PHONE: 706-546-0207 • FAX: 706-546-7395 • EMAIL: ARTBIO@ATHENSRESEARCH.COM

Gel Scan of Representative Lot

Eosinophil Peroxidase, Human Eosinophils (EPO)

ART Catalog No. 16-15-160518



SDS-PAGE:

4-12% Bis-Tris-HCl NuPAGE gel

1. EPO - 5 µg (non-reduced / no heat)
2. EPO - 10 µg (non-reduced / no heat)
3. EPO - 20 µg (non-reduced / no heat)
4. BMW Standard (BIO-RAD Cat. No. 161-0317)

Molecular Weight:

70,500

Protein Determination:

Based on a Molar E.C. @ 413 mM of 110,00 M⁻¹ Cm⁻¹

Activity: >= 180 units per mg protein after lyophilization

Physical Specifications:

Lyophilized
Purity: >= 95% by SDS-PAGE

Considerations:

Storage Conditions: <= -20° C

Stability > 1 year

Buffer: 20mM NaH₂PO₄, pH 7.5, and 150 mM NaCl

Virginia B. Patel PhD

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Product Datasheet

Product:	Eosinophil Peroxidase, Human Eosinophils (EPO)
Catalog Number:	16-15-160518
Description:	Lyophilized
Buffer:	20 mM NaH ₂ PO ₄ , pH 7.5, and 150 mM NaCl
Purity:	>=95% by SDS-PAGE
Molecular Weight:	MW 70,500
Protein Determination:	Based on a Molar E.C. @ 413 mM of 110,00 M ⁻¹ Cm ⁻¹
Storage:	<= -20° C
Stability:	> 1 year
Available Packaging:	1 mg per vial Larger aliquots upon request
Source:	Whole Blood
Testing:	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

**Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose.
For research use only.**

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ISO9001:2008

Certificate Of Origin

Product Name:	Eosinophil Peroxidase, Human Eosinophils
Catalog Number:	16-15-160518
Lot Number:	Information applies to all lots produced.
Manufacturing Information:	The methods and controls used in this facility for manufacturing, processing, packaging and holding of our products are in accordance with ISO9001:2008 Quality Management System.
Manufacturing Site:	Athens Research & Technology Inc., Athens, Georgia, USA
Raw Material Information:	The product contains no materials directly of animal origin and has not been in contact with products of animal origin in the course of its purification.
Country of Origin (manufacturing):	United States
Biological Source Material (COO):	United States
Donor Consent:	The raw material used in the purification of this product has been obtained from an FDA licensed collection center. Further the donor or the donor's next of kin has given by signature full informed consent for the material to be used in commercial scientific research, including the sharing, transferring, or selling of samples to third parties involved in this research. The raw material was obtained in an ethical manner in full compliance with national legislation, and the donor identity is held as confidential information by the licensed collection center.

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