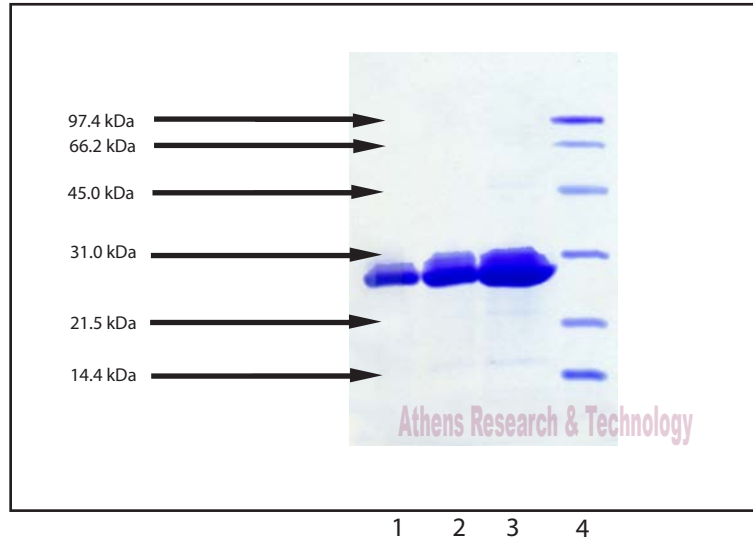


# Athens Research & Technology

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## Gel Scan of Representative Lot

### Proteinase 3, Human Neutrophil ART Catalog No. 16-14-161820



#### SDS-PAGE:

12% Tris-HCl BioRAD NuPAGE gel

1. PR3 - 5  $\mu$ g (reduced / heated)
2. PR3 - 10  $\mu$ g (reduced / heated)
3. PR3 - 20  $\mu$ g (reduced / heated)
4. LMW Standard (BIO-RAD Cat. No. 161-0304)

**Molecular Weight:** 29,000

#### Protein Determination:

Extinction Coefficient (E)  $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 1.0$

#### Physical Specifications:

Frozen  
Purity:  $\geq 95\%$  by SDS-PAGE

#### Considerations:

Storage Conditions:  $\leq -70^\circ\text{C}$

Stability > 1 year

Buffer: 50 mM MES, pH 4.5 with  
700 mM NaCl

Virginia B. Patel PhD

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## Product Datasheet

Product:	Proteinase 3, Human Neutrophil
Catalog Number:	16-14-161820
Description:	Frozen
Buffer:	50 mM MES, pH 4.5 with 700 mM NaCl
Purity:	>=95% by SDS-PAGE
Molecular Weight:	MW 29,000
Protein Determination:	Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 1.0$
Storage:	<= -70° C
Stability:	> 1 year
Available Packaging:	100 µg per vial Larger aliquots upon request
Source:	Human Neutrophils
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 or further manufacturing use only.**