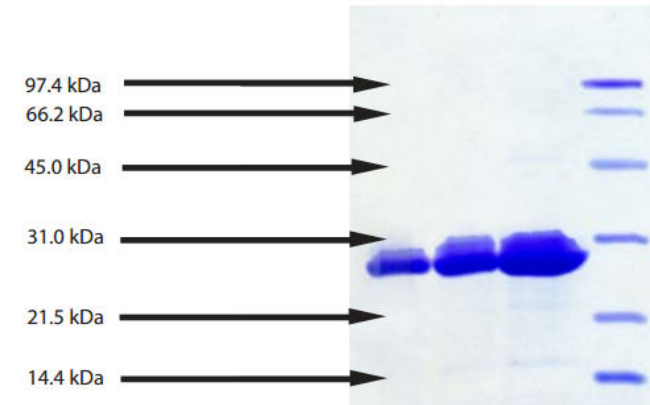


Proteinase 3 (PR3), Human Neutrophil

CATALOG #:	7290-25	25 µg
ALTERNATE NAMES:	AGP7, C-ANCA antigen, Leukocyte proteinase 3, Neutrophil proteinase 4, P29, Wegener autoantigen	
SOURCE:	Human Neutrophil. Prepared from whole blood shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.	
PURITY:	≥ 95% by SDS-PAGE	
MOL. WEIGHT:	29 kDa	
EXTINCTION COEFFICIENT:	1.00	
FORM:	Frozen.	
FORMULATION:	Frozen in 50 mM MES, pH 4.5 with 700 mM NaCl.	
STORAGE CONDITIONS:	Aliquot and store at -70°C or lower. Avoid repeated freezing and thawing cycles.	
DESCRIPTION:	Proteinase 3 is one of the serine proteinases localized in azurophil granules of polymorphonuclear leukocytes. It has been identified as the autoantigen of Wegener granulomatosis, a systemic vasculitis complicated by melanocyte proliferation. It exhibits proteolytic activity towards a range of substrates. It is physiologically inhibited by alpha1-antitrypsin. The protein has been described as having antibiotic and growth-promoting properties and causing emphysema when administered by tracheal insufflation.	



Proteinase 3, Human Neutrophil

12% Tris-HCl NuPAGE gel

1. PR3 - 5 µg (reduced / heated)
2. PR3 - 10 µg (reduced / heated)
3. PR3 - 20 µg (reduced / heated)
4. LMW Standard

RELATED PRODUCTS:

- Proteinase K 20 mg/ml Solution (**Cat. No. 9211-5, -25**)
- Proteinase K, Recombinant (**Cat. No. 9210-100, -500, -1G, -10G**)
- Proteinase K Polyclonal Antibody (**Cat. No. 6210-100-5**)
- Proteinase Inhibitor 9 (PI9) Antibody (**Cat. No. 3544R-100**)
- Proteinase Inhibitor 9 (PI-9) Antibody (Clone PI9-17) (**Cat. No. 3544-100**)
- Proteinase Inhibitor 6 (PI-6) Antibody (Clone 3A) (**Cat. No. 3849-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.