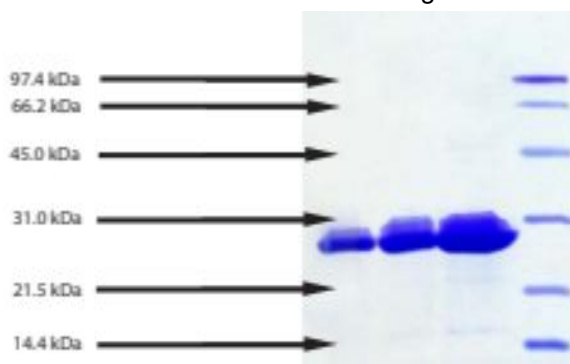


PRTN3

Native Human Proteinase 3 (PR-3), Neutrophil

Catalog No.	CSI14825A CSI14825B	Quantity:	100 µg 1 mg
Alternate Names:	Myeloblastin, C-ANCA antigen, Leukocyte proteinase 3, PR-3, Neutrophil proteinase 4, NP-4, P29, Wegener autoantigen, AGP7		
Description:	Proteinase 3 (PR-3) is a human polymorphonuclear leukocyte serine proteinase that degrades elastin in vitro and has been shown to play a role in the pathogenesis of emphysema. PR-3 is overexpressed in a variety of acute and chronic myeloid leukemia cells. Autoantibodies against PR-3 are an obligate feature in the pathogenesis of Wegener's granulomatosis, a systemic autoimmune vasculitis.		
UniProt ID:	P24158		
Gene ID:	5657		
Source:	Human neutrophils		
Molecular Weight:	29 kDa		
Formulation:	50 mM MES, 700 mM NaCl, pH 4.5		
Purity:	≥ 95% by SDS-PAGE		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.0$		
Storage & Stability:	Store unopened at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Ethical Statement:	Prepared from whole blood shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA-required tests.		

SDS-PAGE:
12% Tris-HCl NuPAGE gel



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