

PRTN3

Native Human Proteinase 3

Catalog No.	CNH006A	Quantity:	2 µg
	CNH006B		10 µg
	CNH006C		1 mg

Alternate Names: ACPA, AGP7, C-ANCA, CANCA, MBN, MBT, NP-4, NP4, P29, PR-3, PR3

Description: PRTN3 is a polymorphonuclear leukocyte serine protease which degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema once managed by tracheal insufflation to hamsters. It has a molecular mass of 25 kDa to 32 kDa due to glycosylation isoforms and binds IgG-type human auto-antibodies. Auto-antibodies to PR3 recognize conformation-dependent epitopes.

Gene ID: 5657

Source: Human PBL

Formulation: Liquid in 16 mM HEPES buffer, pH-8.0, + 400 mM NaCl + 20% glycerol.

Purity: >80% in the sum of different glycosylation isoforms as determined by SDS-PAGE and capillary electrophoresis.

Applications: ELISA (checkerboard analysis of positive/negative sera panels)
Western blot with rabbit anti-PR3 antisera and mouse anti-PR3 monoclonal antibodies

Application Notes: 0.5-1.0 µg/ml (depending on the type of ELISA plate and coating buffer).

Storage & Stability: Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. **Avoid repeated freeze-thaw cycles.**

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