

SERPINA3

AACT, Native Human Alpha-1-AntiChymotrypsin

Catalog No.	CSI19612A	Quantity:	100 µg
	CSI19612B		1.0 mg

Alternate Names: Alpha-1-AntiChymotrypsin, ACT, Cell growth-inhibiting gene 24/25 protein, SERPINA3, AACT, A1ACT, GIG24, GIG25, MGC88254

Description: Alpha-1-AntiChymotrypsin (AACT) is an early-stage acute-phase plasma protein and a serine protease inhibitor (serpin) that preferentially inactivates chymotrypsin, cathepsin G, and chymase. AACT is tightly associated with amyloid plaques in Alzheimer's disease (AD) and in normal aged human and monkey brain. Regulation of the serine proteases and serine protease inhibitors plays an important role in neuromuscular differentiation. Prostate specific antigen (PSA), a chymotrypsin-like serine protease, is predominantly complexed to AACT.

Gene ID: 12

Source: Human Serum

Molecular Weight: 68 kDa

Formulation: Lyophilized from 0.02 M Tris Buffer pH7.5 + 0.15 M NaCl

Purity: 90-95% by SDS PAGE

Storage & Stability: Product is stable for 1 year when stored at 2-8°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

