

CTSG

CTSG, Native Human Cathepsin G

Catalog No.	CSI14771A	Quantity:	1.0 mg
	CSI14771B		3.0 mg

Alternate Names: CG, MGC23078

Description: Human Cathepsin G is a serine protease, of the peptidase S1 protein family, located in the azurophil granules of neutrophils. Studies have shown that human cathepsin G when released from granulocytes binds to NK cells and augments NK cytotoxicity through its protease activity.

Gene ID: 1511

Source: Human Neutrophil

Formulation: Lyophilized from 25 mM sodium acetate, pH 5.5 + 0.15M NaCl buffer.

Specific Activity: One unit will hydrolyze one micromole of Succinyl-alanine-alanine-proline-phenylalanine-p-nitroanilide per minute at 37°C and pH 7.5.

Reconstitution: **Centrifuge vial prior to opening.** Reconstitute with 25 mM sodium acetate + 0.15M sodium chloride, pH 5.5. Make sure protein does not go below 0.1 mg/mL.

Storage & Stability: Store at 2-4°C. 1 year.

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



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