Cathepsin G (human neutrophils), (purified)

Cathepsin G, a serine protease found in polymorphonuclear neutrophils (PMNs), functions in inflammation.

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BML-SE283-0100	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application Notes	Useful for inhibitor screening, kinetic studies, and cleavage of substrates *in vitro* or in tissue culture.
CAS	56645-49-9
Formulation	Lyophilized.
Purity	≥95% by SDS-PAGE
Reconstitution	Reconstitute with 50 mM sodium acetate, pH5.5, containing 150 mM NaCl.
Source	Isolated from human neutrophils. Active enzyme. Negative for HbsAg, anti-HBc, anti-HCV, and anti-HIV-1 and -2.
Specific Activity	2 to 4 units per mg protein. One unit of activity is defined as the amount of enzyme that hydrolyzes one micromole of Suc-Ala-Ala-Pro-Phe-pNA (1mM) per minute at 25°C in 160mM TRIS-HCl, pH 7.4, containing 1.6M sodium chloride.
UniProt ID	P08311

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