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TECHNICAL INFORMATION

Catalog Number: 191344

Cathespin G

Molecular Weight: 23,500

CAS # 107200-92-0

Physical Description: Salt-free lyophilized solid

Activity: 2 to 4 units per mg protein

Unit Definition: One unit of activity is determined as the amount of activity is defined as the amount of enzyme that hydrlyzes on emicromole of Suc-Ala-Ala-Pro_phe-pNa (1 mM) per minute at 25°C in 100mM Tris-HCL, pH 7.5, with 500 mM NaCl.

Reconstitution: Use a 50 mM Sodium Acetate, pH 5.5, with 150 mM NaCl.

Recommended Storage: -20°C

Purity: >95% by SDS-Page

Description: A serine protease that degrades collagen and proteoglycans. Has been implicated in connective tissue-related disorders.

Inhibitors: Chymostatin, DFP