Bioactive

Dispase (*B. polymyxa*)

Catalog # P5317 Size 10 mg

Specification

Product Description	Lyophilized. Purified.
Biological function	Dispase is a mild protease which cleaves fibronectin, collagen IV, and to a lesser extent collagen I.
Host	Bacteria
Theoretical MW (kDa)	36
Form	Lyophilized
Preparation Method	Native protein chromatographically purified from *Bacillus polymyxa*
Activity	>= 4 units per mg dry weight. One Unit releases Folin positive amino acids equivalent to 1 umole tyro sine per minute from casein at 37°C, pH 7.5.
Recommend Usage	Neutral Protease (Dispase) Assay; Tissue disaggregation and subcultivation; Prevention of unwante d cell clumping; Preparation of cells for culture; Separation of intact epidermis from dermis and intact epithelial sheet in culture from the substratum; Harvest and transfer of normal, diploid cells and cell lin es; Gentle and intact detachment of epidermal cells.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

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