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Datasheet

Dispase (*B. polymyxa*)

Catalog Number: P5317

Regulation Status: For research use only (RUO)

Product Description: Lyophilized. Purified.

Host: Bacteria

Theoretical MW (kDa): 36

Biological function: Dispase is a mild protease which cleaves fibronectin, collagen IV, and to a lesser extent collagen I.

Applications: Enzyme
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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 tyrosine per minute from casein at 37°C, pH 7.5.

Recommend Usage: Neutral Protease (Dispase) Assay; Tissue disaggregation and subcultivation; Prevention of unwanted 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 lines; Gentle and intact detachment of epidermal cells.

Storage Instruction: Store at 4°C.