

RPPB1822

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## Product Information    Protein Information

**Product SKU:**

RPPB1822

**Protein description:**

Heparanase Active Enzyme is produced in CHO cells. The protein is purified by several orthogonal chromatography steps.

**Formulation:**

Heparanase Active Enzyme is supplied in 20mM Acetate buffer and 750mM NaCl pH 5.4.

**Purity:**

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Biological Activity:**

The specific activity of Heparanase Active Enzyme in-house standard is about 0.7 Units (1 unit = 1  $\mu$ mole of reducing ends of heparan sulfate substrate formed per minute per mg Heparanase Active Enzyme at 37°C). The enzymatic activity of each Heparanase Active Enzyme batch is comparable to the standard as determined by activity assay in which immobilized heparan, released due to heparanase activity, is quantified colorimetrically. Recommended reaction buffer: 20 mM Citrate Phosphate buffer, pH 5.4; 50mM NaCl; 1mM CaCl<sub>2</sub>.