Creative Enzymes®

Immobilized Endoproteinase Glu-C on G3m

Cat. No. NATE-1764

Lot. No. (See product label)

Introduction

Description Endoproteinase Glu-C hydrolyzes peptide and ester linkages specifically at the carboxyl end of glutamic acid (-Glu/-X; in ammonium carbonate pH 7. 8, or ammonium acetate pH 4. 0, buffer A) or of glutamic and aspartic acid (-Glu/-X and -Asp/-X; in phosphate buffer pH 7. 8, buffer B). G3m: 25 µg (22 units) endoproteinase Glu-C per CR-column immobilized on dextran. This CR-column cuts at least 12 µg tubulin or 5 µg BSA per application in phosphate buffer. Nr. 7 Storage buffer: 50 mM Tris/HCl at pH 7. 5, 5 mM EDTA. Nr. 31 Reaction buffer: 25 mM NH4-acetate, pH 4. 0 (see above) Nr. 32 Washing buffer: 25 mM NH4-acetate, pH 4. 0, 1 M NaCl Nr. 62 Reaction buffer: 50 mM phosphate buffer, pH 7. 8 (see above) Nr. 63 Washing buffer: 50 mM phosphate buffer, pH 7. 8, 1 M NaCl

Synonyms EC 3. 4. 21. 19; Staph aureus V8 Protease; Protease, Staph aureus (Endoproteinase Glu-C); Glutamyl endopeptidase; V8 proteinase, endoproteinase Glu-C; staphylococcal serine proteinase

Product Information

Source Staphylococcus aureus

EC Number EC 3. 4. 21. 19

Storage and Shipping Information

Storage 4 °C