

Immobilized Proteinase K on G3m

Cat. No. NATE-1768

Lot. No. (See product label)

Introduction

Description Proteinase K is an unspecific serine protease with strong proteolytic activity on denatured (in SDS) and high molecular weight native proteins. It cleaves peptide bonds mostly after the carboxyl group of N-substituted hydrophobic, aliphatic and aromatic amino acids. G3m: 25 µg proteinase K immobilized on matrix G3m per CR-column. 0.7 mAnson units immobilized per CR-column. This CR-column cuts at least 370 µg BSA per application. Nr. 5 Storage buffer: 50 mM Tris/HCl, pH 7. 5 Nr. 16 Reaction buffer: 50 mM Tris/HCl, 5 mM NaCl, pH 8. 0 Nr. 17 Washing buffer: 50 mM Tris/HCl, 1. 0 M NaCl, pH 8. 0 The columns are more active in 0.1% SDS and at 40°C. Also active in PBS buffer (20 mM Na-phosphate, 150 mM NaCl at pH 7. 6).

Synonyms Tritirachium alkaline proteinase; Tritirachium album serine proteinase; proteinase K; Tritirachium album proteinase K; endopeptidase K; EC 3. 4. 21. 64; 39450-01-6

Product Information

Source Tritirachium album

EC Number EC 3. 4. 21. 64

Purity Chromatographically purified, free of ribo- and deoxyribonucleases

Storage and Shipping Information

Storage 4 °C