

FUJIFILM

Wako

Code No. 050-05941 (50 μ g)

Endoproteinase Glu C, Sequencing grade
エンドプロテイナーゼ Glu C, シーケンシンググレード

Source : *Staphylococcus aureus* V8

Appearance : Lyophilisate, salt-free

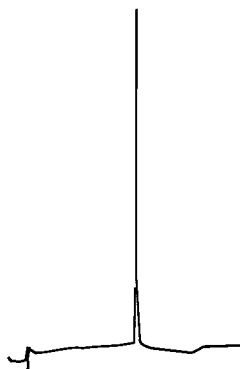
Specificity : In ammonium carbonate buffer, pH7.8 or ammonium acetate buffer, pH4.0, it specifically cleaves peptide bonds at the C-terminal site of glutamic acid.

In phosphate buffer, pH7.8, it additionally cleaves at the C-terminal site of aspartic acid.

Specific activity : see label

(measured with Z-Phe-Leu-Glu-4-nitroanilide as substrate)

Purity : reversed HPLC



Sample : Glu C, 20 μ g

Separation : Aquapore RP 300, 7 μ m 4.6 ϕ \times 100 mm.

Solvent A : Water (contain 0.1% TFA)

Solvent B : Acetonitril : H₂O = 70 : 30 (contain 0.1% TFA)

Gradient : 30 min linear, 0-100% B.

Flow : 0.5 ml/min.

Detec. : 215 nm

Storage : Store at 2 ~ 10°C in the dark
(In case of solution, store at -20°C)

Package : 50 μ g

References : (1) Houmard, J. and Drapeau, G. R., : *Proc. Natl. Acad. Sci. USA.*, **69**, 3506 (1972)

(2) Drapeau, G. R., : *Can. J. Biochem.*, **56**, 534 (1978)

(3) Seetharama, R. and Seetharama, A., *J. Cell. Biochem.*, **30**, 87 (1986)

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