

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, シークエンシンググレード

Source : *Staphylococcus aureus* V8

Appearance : Lyophilisate, salt-free

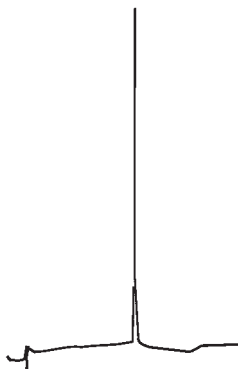
Specificity : In ammonium carbonate buffer, pH 7.8 or ammonium acetate buffer, pH 4.0, it specifically cleaves peptide bonds at the C-terminal site of glutamic acid.

In phosphate buffer, pH 7.8, 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)

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan

Telephone : + 81-6-6203-3741

Facsimile : + 81-6-6201-5964

<http://fwk.fujifilm.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road

Richmond, VA 23237

U.S.A.

Telephone : + 1-804-271-7677

Facsimile : + 1-804-271-7791

<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggerstrasse 12

D-41468 Neuss

Germany

Telephone : + 49-2131-3111-0

Facsimile : + 49-2131-311100

<http://www.wako-chemicals.de>