

Data code:

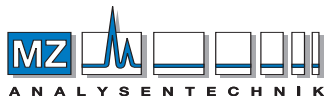
T00268

**Application Title:**

Separation of membrane protein by ion-exchange chromatography with different concentration of surfactant as eluent

**Compound:**

Membrane protein

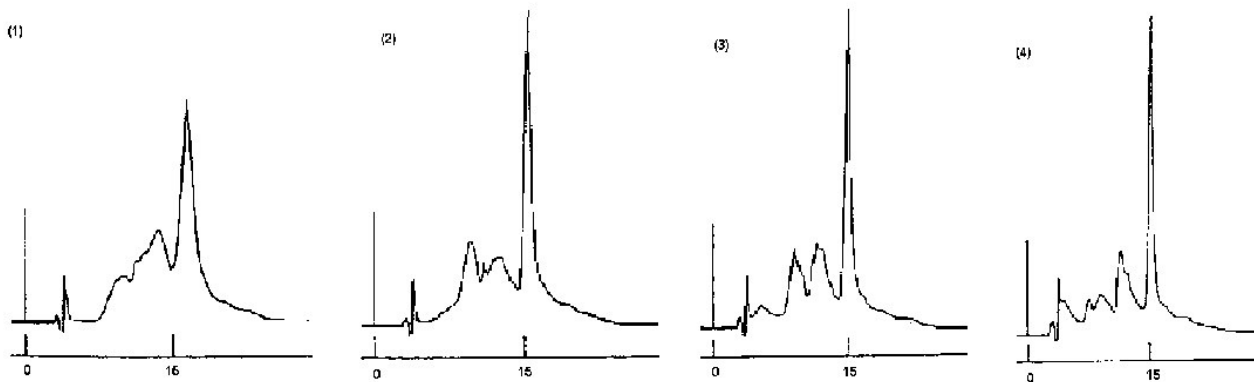


**AUTHORIZED DISTRIBUTOR**

MZ-Analysentechnik GmbH, Barcelona-Allee 17• D-55129 Mainz

Tel +49 6131 880 96-0, Fax +49 6131 880 96-20

e-mail: info@mz-at.de, www.mz-at.de



**Chromatographic conditions**

Column: TSKgel DEAE-5PW, P/N 07164, 10  $\mu$ m, 7.5 mm ID  $\times$  7.5 cm  $\times$  1

Mobile Phase: A: (20 % glycerol + octaethyleneglycol dodecylether) in 20 mmol/L Tris-HCl buffer (pH8.0)

B: (1 mol/L sodium chloride + 20 % glycerol + octaethyleneglycol dodecylether) in 20 mmol/L Tris-HCl buffer (pH8.0)

Linear gradient from A to B for 60 min

Flow Rate: 1 mL/min

Detection: UV/VIS @ 417 nm

Sample(s): Crude extract from rat liver microsome

Reference: TOSOH Separation Report

Title: Separation of membrane protein on TSKgel

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Comments: Concentration of surfactant: Chromatogram (1) 0.05%, (2) 0.1%, (3) 0.2%, (4) 0.4%