

Data code:

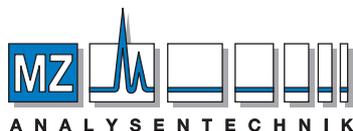
T00271

Application Title:

Separation of membrane protein by hydrophobic interaction chromatography with different concentration of surfactant as eluent

Compound:

Membrane protein

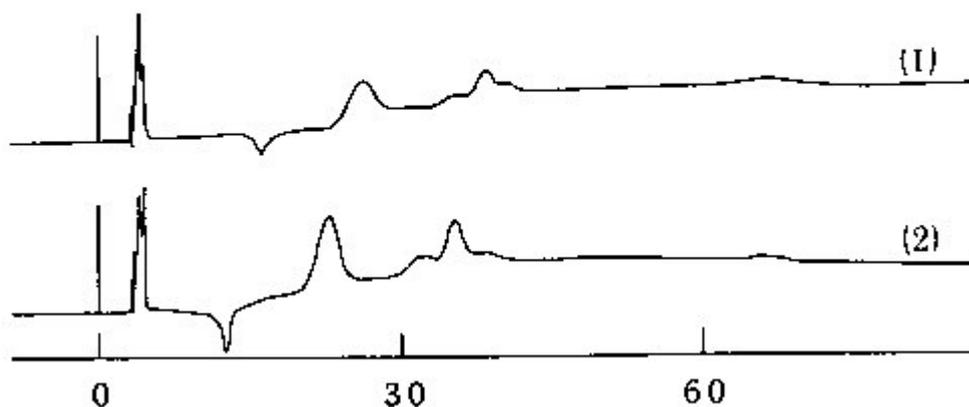


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Chromatographic conditions

Column:

TSKgel Ether-5PW, P/N 08641, 10 μm , 7.5 mm ID \times 7.5 cm \times 1

A: (2.25 mol/L ammonium sulfate + 0.4% octylglucoside + 20% glycerol) in 0.1 mol/L Tris-HCl buffer (pH 7.5)

Mobile Phase:

B: (Octylglucoside + 20% glycerol) in 0.1 mol/L Tris-HCl buffer (pH 7.5)

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

Number:

50

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Comments:

Concentration of octylglucoside in eluent B: Chromatogram (1) 0.4%, (2) 0.8%