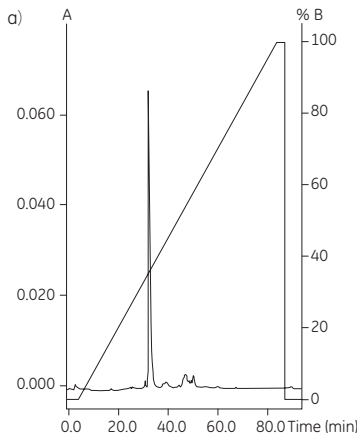


RESOURCE RPC 3 mlによるEGF (epidermal growth factor) 精製と32倍スケールアップ



a)

Column : RESOURCE RPC 3 ml

Sample : 2.14 ml EGF pool after Q Sepharose High Performance

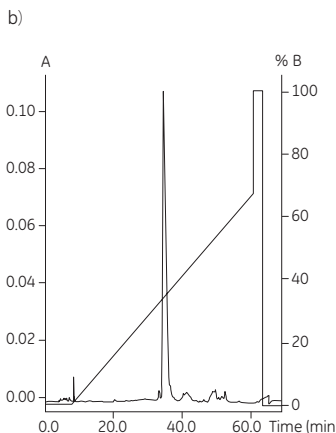
Eluent A : 0.05 % TFA + 5 % acetonitrile in water

Eluent B : 0.05 % TFA + 80 % acetonitrile in water

Flow rate : 1.6 μ l/ min (300 cm/h)

Gradient : 0~ 100 % B in 40 column volumes

System : FPLC with FPLCdirector



b)

Column : SOURCE 15RPC 35 $\times$ 100 mm

Sample : 62.5 ml EGF pool after Q Sepharose High Performance

Load : 0.1 mg/ml media, 10 mg total load

Buffer A : 0.05 % TFA + 5 % acetonitrile in water

Buffer B : 0.05 % TFA + 80 % acetonitrile in water

Flow rate : 50 μ l/min ; 300 cm/h

Gradient : 0~ 100 % B in 40 column volumes

System : BioPilot System with UNICORN control software