

## Separation of a phosphatidylinositol-4-phosphate 5-kinase peptide

**Method** VBS0042J  
**HPLC** RP mode

**Column:** Eurosil Bioselect 300-5 C18A 150x4 with precolumn

**Order No.** 15WK184EJ

**Phase:** Eurosil Bioselect 300-5 C18A

**Conditions:** Eluent: A: Water + 0,1% Trifluoroacetic acid  
B: Acetonitrile + 0,1% Trifluoroacetic acid  
Gradient: 0-6 min 95 % A / 5 % B  
6-26 min 95 % A / 5 % B → 30 % A / 70 % B  
26-31 min 70 % A / 30 % B → 95 % A / 5 % B  
31-36 min 5 % A / 95 % B (2 ml/min)  
Flow rate: 1 ml/min  
Temperature: Room temperature  
Sample: 10 µl crude peptides (phosphatidylinositol-4-phosphate 5-kinase, type I, gamma fragment)

**Detection:** UV 220 nm, 10 mm cell with 2 µl cell volume

**Substances:** 1 mg/ml crude peptides in A  
phosphatidylinositol-4-phosphate 5-kinase, type I, gamma fragment  
(acetyl/amide) (Homo sapiens)

**Keywords:** Eurosil Bioselect, HPLC, peptide separation, phosphatidylinositol-4-phosphate 5-kinase, reversed phase mode

### Chromatogram:

1 phosphatidylinositol-4-phosphate  
5-kinase, type I, gamma fragment

