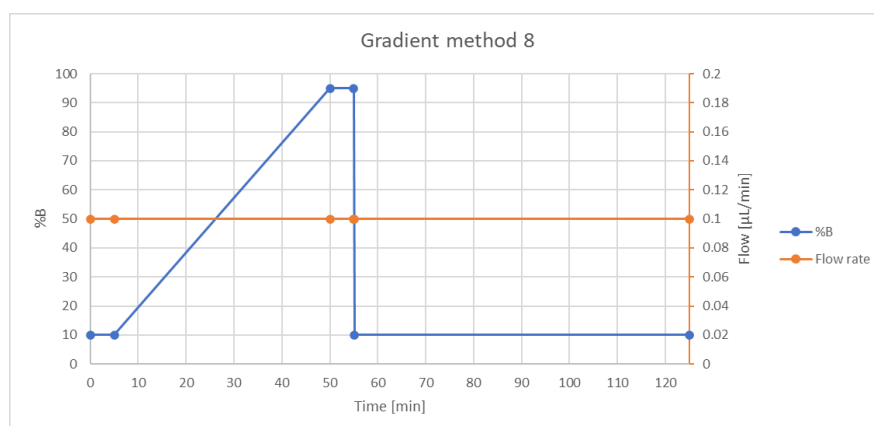


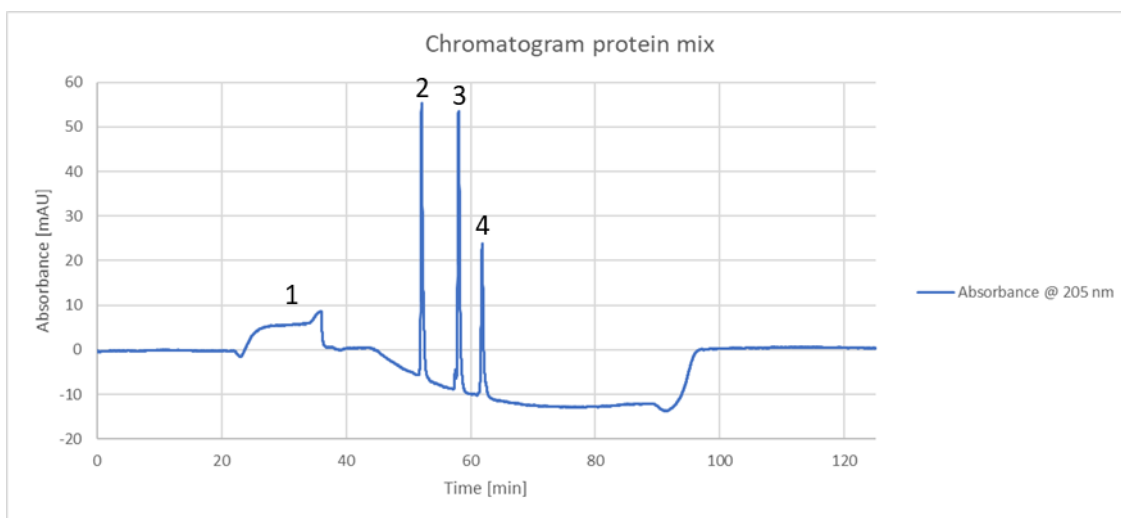
Technical Notification 0001

Protein Mix

ID No.:	0001										
Analytes:	Protein Mix										
Material:	ReproSil Gold 300 C4, 3 µm, 3% bidentate endc.										
Column Dimension:	500 mm x 75 µm (2x Cobra-endfittings 1/16 inch)										
Part No. (P/N):	r33.4g.c500.075										
Elution Type:	Gradient										
Gradient Method:	<table><thead><tr><th>Time [min]</th><th>%B</th></tr></thead><tbody><tr><td>0 – 5</td><td>10</td></tr><tr><td>5 – 50</td><td>10 – 95</td></tr><tr><td>50 – 55</td><td>95</td></tr><tr><td>55 – 125</td><td>10</td></tr></tbody></table>	Time [min]	%B	0 – 5	10	5 – 50	10 – 95	50 – 55	95	55 – 125	10
Time [min]	%B										
0 – 5	10										
5 – 50	10 – 95										
50 – 55	95										
55 – 125	10										
Eluent A:	H ₂ O + 0.1% Formic Acid										
Eluent B:	ACN/H ₂ O 80:20 + 0.1% Formic Acid										
Flow Rate:	100 nL/min										



Temperature:	45 °C
Injection:	1 µl "direct on column"
	20 µg/ml in Eluent A
Detection:	UV-Detection @205 nm



1: Injection, 2: RNase A, 3: Lysozyme, 4: Myoglobin

Analytes:

1. Injection
2. RNase (52.1 min)
3. Lysozyme (58.0 min)
4. Myoglobin (61.8 min)

Data courtesy of Prof. Dr. Christian Neusüß / M. Sc. Tobias Waldmann, Aalen University, Beethovenstr. 1, 73430 Aalen, Germany.

Dr. Maisch products are available globally. For more information contact your Dr. Maisch representative at info@dr-maisch.com.