

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

SKU: GS0039

Lot: A074

Package size: 0.1 mg

Protein: Histone H2B (NP_778225; Uniprot Q8N257) (aa30-43)

Species: *Homo sapiens*

Peptide Sequence (N-Term C-Term): Ac- CKR GRK ESY SIY VYK-OH

Peptide Name: P-104

Backbone:

1A 280 [mg/mL]*	0.5	MW [g·mol ⁻¹]	1922.3	QC (MS & HPLC-RP)	Passed
Charged at pH 7*	3.99	Found M+H [g·mol ⁻¹]	1923		
Isoelectric Point*	11.6	Ext. coeff. [l·mol ⁻¹ ·cm ⁻¹]*	3960		
Counter Ions	Trifluoroacetate	% Peak Area by HPLC	≥ 90%	STORAGE CONDITIONS:	
		Found % Peak Area by HPLC	98%		-20°C

*Theoretical values without modifications

Purification(s)

HPLC-RP

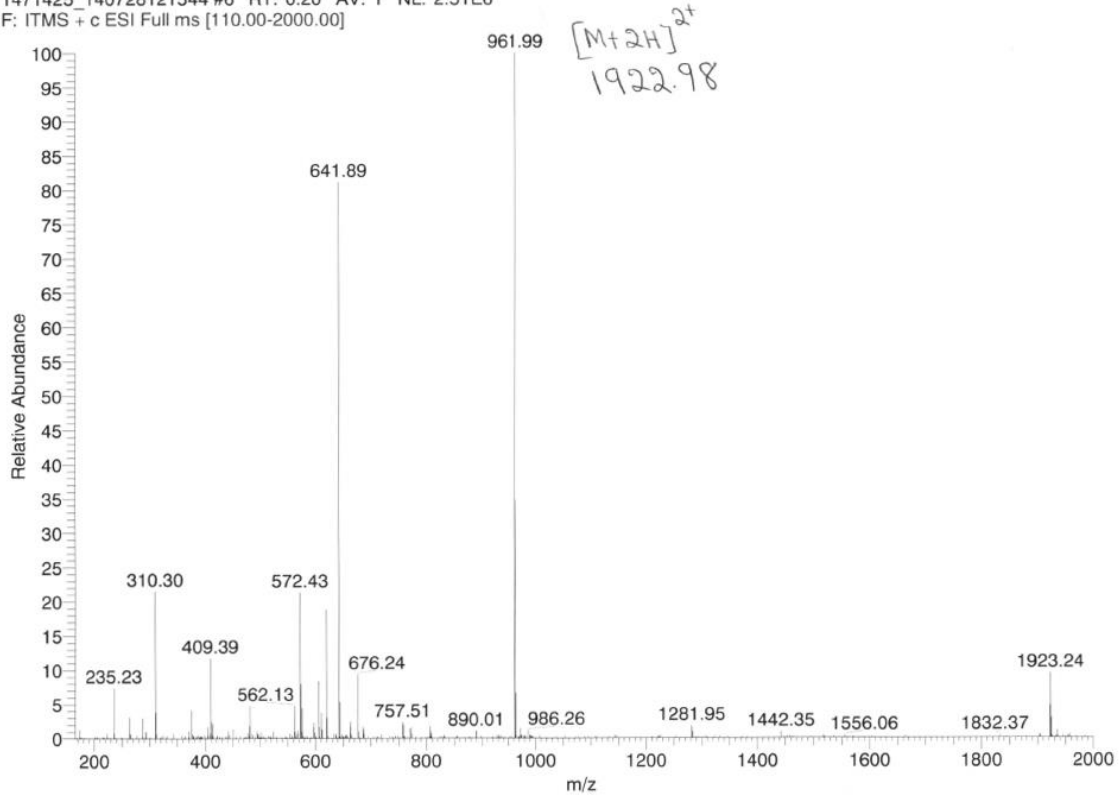
Peptide Reconstitution and storage

Please equilibrate the vial to room temperature prior opening.

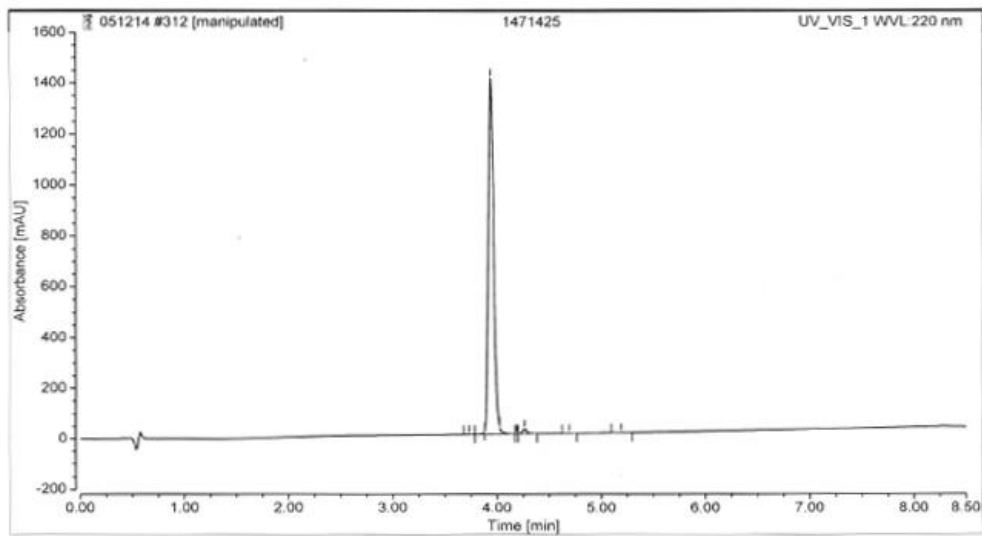
Dissolve peptide in small volume of pure water before adding the desired buffer. Sonication may help dissolution in water. Addition of small amount of aqueous acetic acid for a basic peptide, or aqueous ammonia for acidic peptide could be necessary.

Reconstituted peptides can be stored frozen at -20°C for a very short period but please note that repeated freeze-thaw cycles have to be avoided.

1471425 140728121544 #6 RT: 0.20 AV: 1 NL: 2.51E6
F: ITMS + c ESI Full ms [110.00-2000.00]



Mass Spec. Data to analyze identity and homogeneity of P-104 peptide.



HPLC-RP chromatogram of purified P-104 peptide.