

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

SKU: GS0041

Lot: A076

Package size: 0.1 mg

Protein: Histone H3 (NP_066403; Uniprot Q71DI3) (aa27-37)

Species: *Homo sapiens*

Peptide Sequence (N-Term C-Term): Ac- CKS APA TGG VKK-OH

Peptide Name: P-109

Backbone:

1A 280 [mg/mL]*	9.9	MW [g·mol ⁻¹]	1188.5	QC (MS & HPLC-RP)	Passed
Charged at pH 7*	2.99	Found M+H [g·mol ⁻¹]	1188.8		
Isoelectric Point*	10.84	Ext. coeff. [l·mol ⁻¹ ·cm ⁻¹]*	120		
Counter Ions	Trifluoroacetate	% Peak Area by HPLC	≥ 90%	STORAGE CONDITIONS:	
		Found % Peak Area by HPLC	98%		-20°C

*Theoretical values without modifications

Purification(s)

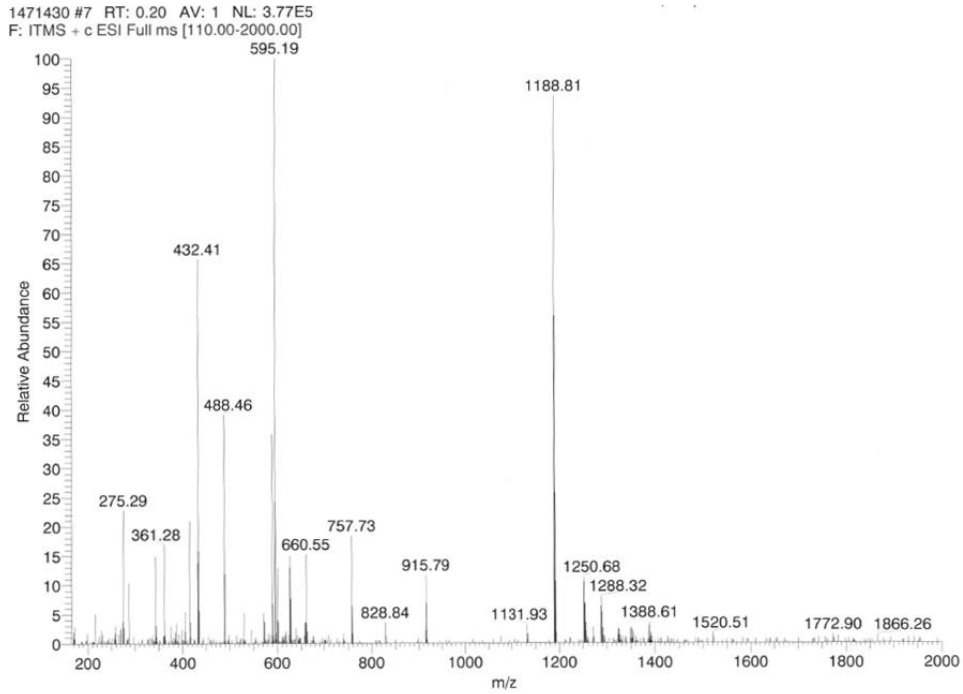
HPLC-RP

Peptide Reconstitution and storage

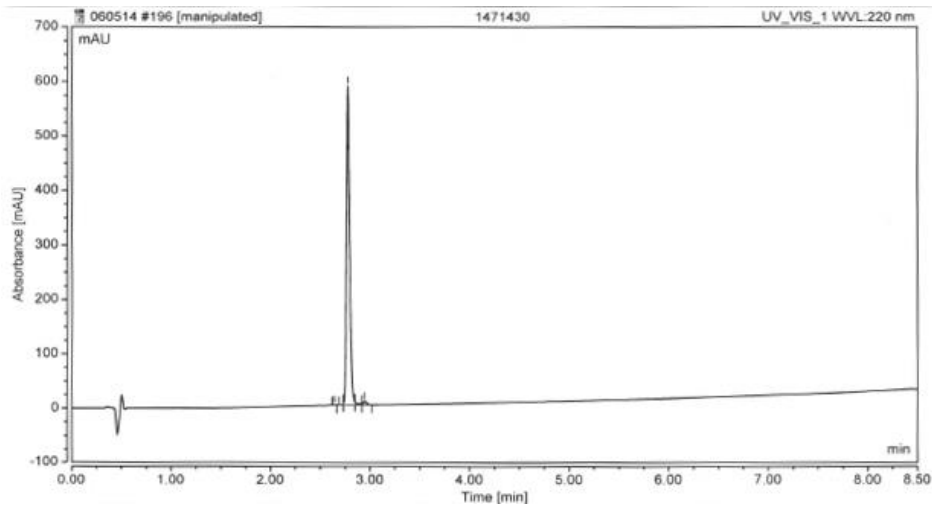
Please equilibrate the vial to room temperature prior opening.

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.



Mass Spec. Data to analyze identity and homogeneity of P-109 peptide.



HPLC-RP chromatogram of purified P-109 peptide.