

## CERTIFICATE OF ANALYSIS

### GENERAL INFORMATION

SKU: GS0187

Lot: A276

Package size: 0.1 mg

**Protein:** Guinea Pig JAK1(Unprot H0V6S7) (1030--1040)

**Species:** *Cavia porcellus*

**Peptide Sequence (N-Term C-Term):** Ac- CTDKEYYTVKDD-OH

**Peptide Name:** P-203

**Backbone:**

1A 280 [mg/mL]*	0.6	MW [g·mol <sup>-1</sup> ]	1521.7	QC (MS & HPLC-RP)	Passed
Charged at pH 7*	-2.0	Found M+H [g·mol <sup>-1</sup> ]	1521.9		
Isoelectric Point*	3.8	% Peak Area by HPLC	≥ 90%	<b>STORAGE CONDITIONS:</b>	
		Found % Peak Area by HPLC	96%		-20°C

\*Theoretical values without modifications

**Purification(s)**

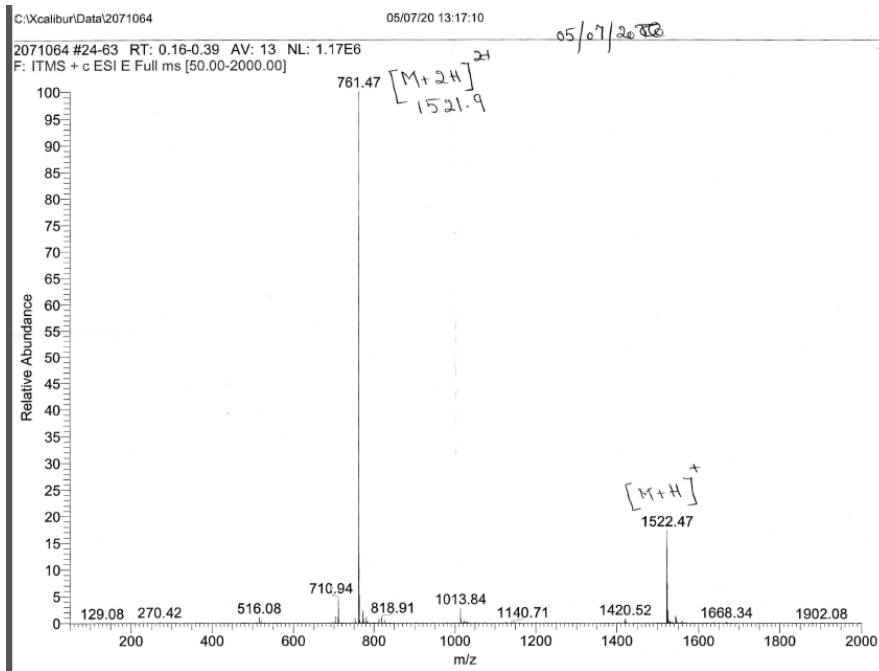
HPLC-RP

**Peptide Reconstitution and storage**

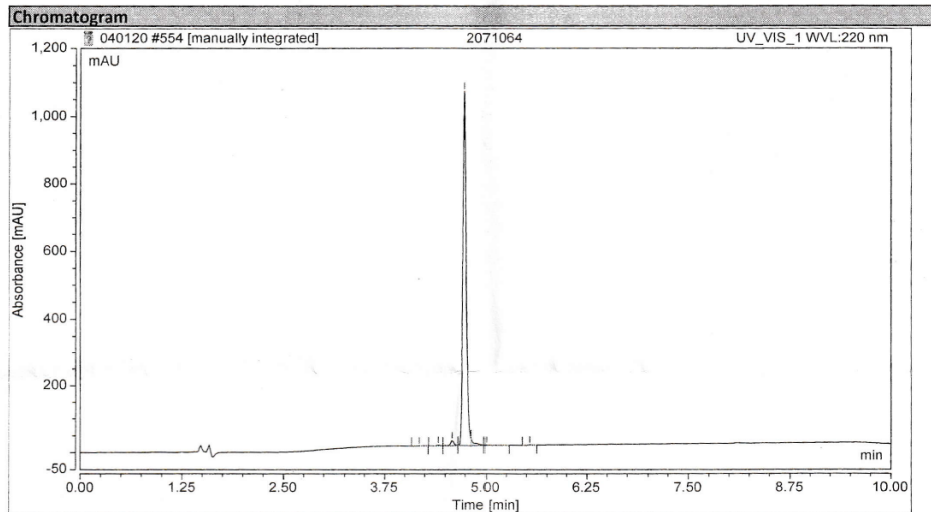
Please equilibrate the vial to room temperature prior opening.

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-203 peptide.



HPLC-RP chromatogram of purified P-203 peptide.