

## CERTIFICATE OF ANALYSIS

### GENERAL INFORMATION

SKU: GS0183

Lot: A272

Package size: 0.1 mg

**Protein:** Guinea Pig STAT3 (XP\_005002508; Uniprot A0A286XJ83) (aa700-710).

**Species:** *Cavia porcellus*

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

**Peptide Name:** P-197

#### Backbone:

1A 280 [mg/mL]*	0.9	MW [g·mol <sup>-1</sup> ]	1327.6	QC (MS & HPLC-RP)	Passed
Charged at pH 7*	-2.0	Found M+H [g·mol <sup>-1</sup> ]	1328.1		
Isoelectric Point*	10.6	% Peak Area by HPLC	≥ 90%	<b>STORAGE CONDITIONS:</b>	
		Found % Peak Area by HPLC	98%		-20°C

\*Theoretical values without modifications

#### Purification(s)

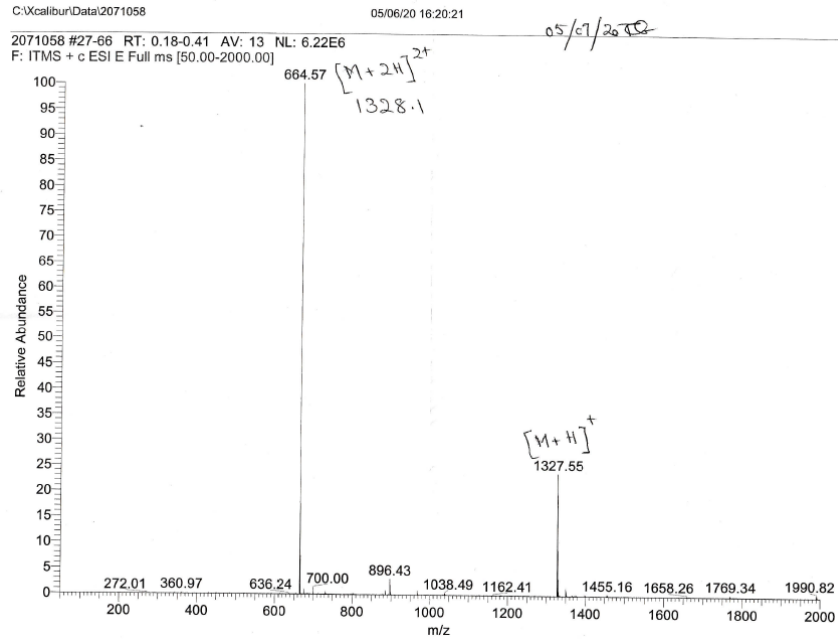
HPLC-RP

#### Peptide Reconstitution and storage

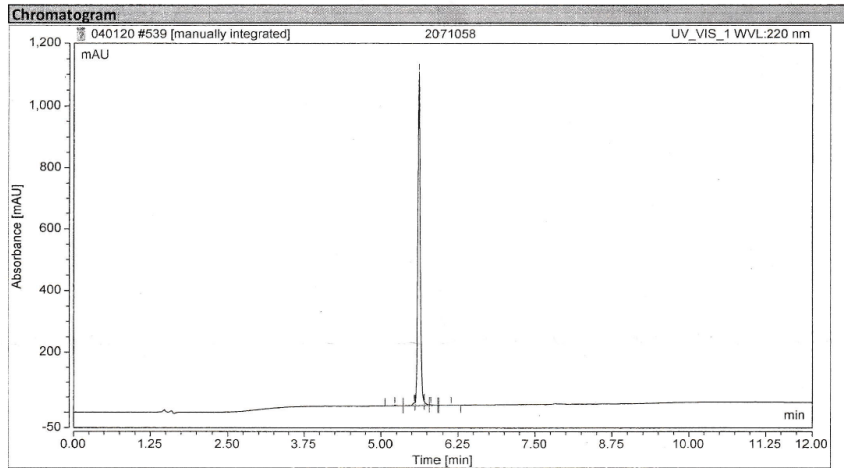
Please equilibrate the vial to room temperature prior opening.

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-197 peptide.



HPLC-RP chromatogram of purified P-197 peptide.