

CERTIFICATE OF ANALYSIS**GENERAL INFORMATION****Product No.:** GP100130**CAS No.:** N/A**Product Name:** Podoplanin Glyco-dodecapeptide (biotinyl)**Sequence:** ERGT(GalNAc)KPPLEELS-GK(biotinyl)-NH₂H-Glu-Arg-Gly-Thr(GalNAc)-Lys-Pro-Pro-Leu-Glu-Glu-Leu-Ser-Gly-Lys(Biotinyl)-NH₂**O-Glycosylation:** α-D-GalNAc

Description: A synthetic Glyco-dodecapeptide epitope that is present within the extracellular domain of the glycoprotein podoplanin. The posttranslational GalNAc modification is expressed by an aggressive fibrosarcoma, Ag104A, and is bound by Anti-Tn Antigen [237mAb].

Formula: C₈₄H₁₄₁N₂₃O₂₉S**Mol. Wt.:** 1969.2**Exact Mass:** 1968.0**CHARACTERIZATION****PROPERTY****TEST RESULT****Appearance & Physical State:**

White, lyophilized solid

Mass Spectrometry (ESI-POS):Conforms, [M+H]²⁺ = 985.6
[M+H]³⁺ = 657.6**Purity (>90% via HPLC):**

Conforms, >95%

BATCH INFORMATION**Lot No.:**

XXXXXX

Date Analyzed:

XXXXXX

NOTES

1. Store as lyophilized powder -20 ± 5 °C.
2. Keep dry. Allow container and contents to rise to room temperature before opening.
3. Avoid storing peptide solutions. If necessary, freeze peptide solutions.