

## (Thr(GalNAc)4,7,15,Ser(GalNAc)9,11)-IgA1 Hinge Region Peptide TFA

Cat. No.:	HY-P5309A
Molecular Formula:	$C_{121}H_{193}N_{25}O_{53} \cdot xC_2HF_3O_2$
Sequence:	Val-Pro-Ser-{Thr-GalNAc}-Pro-Pro-{Thr-GalNAc}-Pro-{Ser-GalNAc}-Pro-{Ser-GalNAc}-Thr-Pro-Pro-{Thr-GalNAc}-Pro-Ser-Pro-Ser
Sequence Shortening:	VPS-{Thr-GalNAc}-PP-{Thr-GalNAc}-P-{Ser-GalNAc}-P-{Ser-GalNAc}-TPP-{Thr-GalNAc}-PSPS <small>VPS-{Thr-GalNAc}-PP-{Thr-GalNAc}-P-{Ser-GalNAc}-P-{Ser-GalNAc}-TPP-{Thr-GalNAc}-PSPS (TFA salt)</small>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	(Thr(GalNAc)4,7,15,Ser(GalNAc)9,11)-IgA1 Hinge Region Peptide (TFA) (GN5) is a synthetic glycopeptide and can be used for detection of gender difference and epitope specificity of IgG antibody activity against IgA1 hinge portion in IgA nephropathy patients <sup>[1]</sup> .
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### REFERENCES

[1]. Nakamura I, et al. Detection of gender difference and epitope specificity of IgG antibody activity against IgA1 hinge portion in IgA nephropathy patients by using synthetic hinge peptide and glycopeptide probes. *Nephrology (Carlton)*. 2004;9(1):26-30.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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