

LCMV GP (61-80)

Cat. No.:	HY-P2560
CAS No.:	232598-19-5
Molecular Formula:	C ₁₀₈ H ₁₆₀ N ₂₄ O ₃₁
Molecular Weight:	2290.6
Sequence:	Gly-Leu-Lys-Gly-Pro-Asp-Ile-Tyr-Lys-Gly-Val-Tyr-Gln-Phe-Lys-Ser-Val-Glu-Phe-Asp
Sequence Shortening:	GLKGPDIYKGVYQFKSVEFD
Target:	Arenavirus
Pathway:	Anti-infection
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

LCMV GP (61-80) is a peptide fragment derived from lymphocytic choriomeningitis virus (LCMV) glycoprotein (GP), and corresponds to amino acids 61-80. LCMV GP (61-80) is a specific epitope which can induce CD4⁺ T-cell response^{[1][2][3]}.

REFERENCES

- [1]. Rodriguez F, et, al. CD4(+) T cells induced by a DNA vaccine: immunological consequences of epitope-specific lysosomal targeting. J Virol. 2001 Nov; 75(21): 10421-30.
- [2]. Andargachew R, et, al. CD4 T Cell Affinity Diversity Is Equally Maintained during Acute and Chronic Infection. J Immunol. 2018 Jul 1; 201(1):19-30.
- [3]. Homann D, et, al. Mapping and restriction of a dominant viral CD4+ T cell core epitope by both MHC class I and MHC class II. Virology. 2007 Jun 20; 363(1): 113-23.

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

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