

## LCMV GP (61-80)

<b>Cat. No.:</b>	HY-P2560
<b>CAS No.:</b>	232598-19-5
<b>Molecular Formula:</b>	C <sub>108</sub> H <sub>160</sub> N <sub>24</sub> O <sub>31</sub>
<b>Molecular Weight:</b>	2290.6
<b>Sequence Shortening:</b>	GLKGPDIYKGVYQFKSVEFD
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### 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<sup>+</sup> T-cell response<sup>[1][2][3]</sup>.

### 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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