

## GluN1(356-385)

<b>Cat. No.:</b>	HY-P5912
<b>Molecular Formula:</b>	C <sub>154</sub> H <sub>248</sub> N <sub>46</sub> O <sub>42</sub>
<b>Molecular Weight:</b>	3415.9
<b>Sequence:</b>	Leu-Gln-Asn-Arg-Lys-Leu-Val-Gln-Val-Gly-Ile-Tyr-Asn-Gly-Thr-His-Val-Ile-Pro-Asn-Asp-Arg-Lys-Ile-Ile-Trp-Pro-Gly-Gly-Glu
<b>Sequence Shortening:</b>	LQNRKLVQVGIYNGTHVIPNDRKIIWPGGE
<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

GluN1 (356-385) is an antigenic peptide against N-methyl-D-aspartate receptor (NMDAR) encephalitis. GluN1 (356-385) has the effect of reducing the density of surface NMDAR clusters in hippocampal neurons. GluN1 (356-385) can be used to study the pathogenesis of anti-NMDAR encephalitis [1].

### REFERENCES

[1]. Ding Y, Zhou Z, Chen J, Peng Y, Wang H, Qiu W, Xie W, Zhang J, Wang H. Anti-NMDAR encephalitis induced in mice by active immunization with a peptide from the amino-terminal domain of the GluN1 subunit. *J Neuroinflammation*. 2021 Feb 21;18(1):53.

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

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