

## IRGRILHDGAYSLTLQGLGIH

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P5743  |
| CAS No.:             | 1443436-79-0  |
| Molecular Formula:   | C <sub>102</sub> H <sub>168</sub> N <sub>32</sub> O <sub>28</sub>                         |
| Molecular Weight:    | 2290.62   |
| Sequence:            | Ile-Arg-Gly-Arg-Ile-Leu-His-Asp-Gly-Ala-Tyr-Ser-Leu-Thr-Leu-Gln-Gly-Leu-Gly-Ile-His       |
| Sequence Shortening: | IRGRILHDGAYSLTLQGLGIH   |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | IRGRILHDGAYSLTLQGLGIH is a multi-epitope class II rat HER2/neu peptide. IRGRILHDGAYSLTLQGLGIH can be used for the research class II HER2-DC1 vaccine studies <sup>[1]</sup> . |
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### REFERENCES

[1]. Kodumudi KN, et, al. Sequential Anti-PD1 Therapy Following Dendritic Cell Vaccination Improves Survival in a HER2 Mammary Carcinoma Model and Identifies a Critical Role for CD4 T Cells in Mediating the Response. Front Immunol. 2019 Aug 14;10:1939.

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

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