

## EEKLIVAF

<b>Cat. No.:</b>	HY-P3644
<b>CAS No.:</b>	188818-21-5
<b>Molecular Formula:</b>	C <sub>50</sub> H <sub>82</sub> N <sub>10</sub> O <sub>14</sub>
<b>Molecular Weight:</b>	1047.24
<b>Sequence Shortening:</b>	EEKLIVAF
<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

<b>Description</b>	EEKLIVAF is a peptide, can be recognized on HLA-B44 by the anti-melanoma cytolytic T-cell (CTL) clone LB33- CTL-159/5 <sup>[1]</sup> [2].
<b>In Vitro</b>	EEKLIVAF can be recognized by CTL clone on C1RB*4402 and C1R-B*4403 cells, and (45 ng/mL and 160 ng/mL, respectively; 30 min; 20 °C) shows the ability to compete with a standard peptide for binding to HLA-B*4402 and HLA-B*4403 molecules <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Herman J, et al. Differences in the recognition by CTL of peptides presented by the HLA-B\*4402 and the HLA-B\*4403 molecules which differ by a single amino acid. Tissue Antigens. 1999 Feb;53(2):111-21.

[2]. Herman J, et al. A peptide encoded by the human MAGE3 gene and presented by HLA-B44 induces cytolytic T lymphocytes that recognize tumor cells expressing MAGE3. Immunogenetics. 1996;43(6):377-83.

[3]. Herman J, et al. Differences in the recognition by CTL of peptides presented by the HLA-B\*4402 and the HLA-B\*4403 molecules which differ by a single amino acid. Tissue Antigens. 1999 Feb;53(2):111-21.

[4]. Coulie PG, et al. A mutated intron sequence codes for an antigenic peptide recognized by cytolytic T lymphocytes on a human melanoma. Proc Natl Acad Sci U S A. 1995 Aug 15;92(17):7976-80.

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

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