# CLIP 86-100

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| **Cat. No.:** | HY-P1826 |
| **CAS No.:** | 648881-58-7 |
| **Molecular Formula:** | $C_{72}H_{128}N_{20}O_{19}S_3$ |
| **Molecular Weight:** | 1674.1 |
| **Sequence:** | {Pro}{Val}{Ser}{Lys}{Met}{Arg}{Met}{Ala}{Thr}{Pro}{Leu}{Leu}{Met}{Gln}{Ala} |
| **Sequence Shortening:** | PVSKMRMATPLLMQA |
| **Target:** | Others |
| **Pathway:** | Others |
| **Storage:** | Please store the product under the recommended conditions in the COA. |

## BIOLOGICAL ACTIVITY

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| **Description** | CLIP (86-100) is amino acids 86 to 100 fragment of class II-associated invariant chain peptide (CLIP). CLIP is a small self-peptide and cleavage product of the invariant chain that resides in the HLA-II antigen binding groove and is believed to play a critical role in the assembly and transport of MHC class II alphabetaIi complexes through its interaction with the class II peptide-binding site[1]. |

## REFERENCES

[1]. van Luijn MM, et al. Class II-associated invariant chain peptide as predictive immune marker in minimal residual disease in acute myeloid leukemia. Oncoimmunology. 2015 Jan 7;3(12):e941737. eCollection 2014 Dec.

[2]. Thayer WP, et al. Class II-associated invariant chain peptide-independent binding of invariant chain to class II MHC molecules. J Immunol. 1999 Feb 1;162(3):1502-9.



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