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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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IE1 peptide

Cat. No.:	HY-P10509
CAS No.:	127902-44-7
Molecular Formula:	C ₅₃ H ₇₄ N ₁₂ O ₁₃ S
Molecular Weight:	1119.29
Sequence:	Tyr-Pro-His-Phe-Met-Pro-Thr-Asn-Leu
Sequence Shortening:	YPHFMPNLT
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

IE1 peptide refers to an antigenic peptide encoded by the immediate early (IE) gene of mouse cytomegalovirus (mCMV). IE1 peptide is one of the key antigenic peptides expressed during mCMV infection, plays a role in transcriptional activation in the life cycle of mCMV, and is one of the earliest genes expressed in the viral replication cycle. IE1 peptide is an important target for CD8⁺ T cell response and can be used to study the host immune response to mCMV infection^[1].

REFERENCES

[1]. Griessl M, et al. Stochastic episodes of latent cytomegalovirus transcription drive CD8 T-cell “memory inflation” and avoid immune evasion[J]. *Frontiers in Immunology*, 2021, 12: 668885.

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

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