

AH1

Cat. No.:	HY-P4193
CAS No.:	181272-91-3
Molecular Formula:	C ₅₄ H ₇₀ N ₁₂ O ₁₅
Molecular Weight:	1127.21
Sequence:	Ser-Pro-Ser-Tyr-Val-Tyr-His-Gln-Phe
Sequence Shortening:	SPSYVYHQF
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description

AH1 is an immunodominant antigen derived from the gp70 product of an endogenous MuLV. AH1 behaves as the CTL-immunodominant epitope of CT26 colon carcinoma^{[1][2]}.

REFERENCES

[1]. M Toda, et al. Herpes simplex virus as an in situ cancer vaccine for the induction of specific anti-tumor immunity. Hum Gene Ther. 1999 Feb 10;10(3):385-93.

[2]. Antonio Rosato, et al. The cytotoxic T-lymphocyte response against a poorly immunogenic mammary adenocarcinoma is focused on a single immunodominant class I epitope derived from the gp70 Env product of an endogenous retrovirus. Cancer Res. 2003 May 1;63(9):2158-63.

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

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