



Product Information

Product ID C4274

CAS No. 99273-04-8

Chemical Name

Synonym Envelope Glycoprotein; Env Polyprotein; CKS 17; CKS17.

Formula C₈₇H₁₄₈N₂₆O₂₄

Formula Wt. 1942.31

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description CKS-17 is a synthetic peptide with a sequence homologous to endogenous retroviral transmembrane envelope proteins; it exhibits immunosuppressive activity in vitro and in vivo. In one study, CKS-17 inhibits production of IL-12, IL-2, TNF-α, and IFN-γ, increases levels of cAMP and IL-10, and activates ERK1/2, MEK, PKD, PLC-γ, and c-Raf; this results in an inhibition of the Th1-centric immune response. TEST!!!!!!

H-Leu-Gln-Asn-Arg-Arg-Gly-Leu-
Asp-Leu-Leu-Phe-Leu-Lys-Glu-
Gly-Gly-Leu-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C4274	0.5 mg	\$113.20
C4274	1 mg	\$192.20
C4274	2.5 mg	\$340.20

References Haraguchi S, Good RA, Day-Good NK. A potent immunosuppressive retroviral peptide: cytokine patterns and signaling pathways. Immunol Res. 2008;41(1):46-55. PMID: 18506644.

Fan Tx, Day NK, Luangwedchakarn V, et al. The phosphorylation of phospholipase C-gamma1, Raf-1, MEK, and ERK1/2 induced by a conserved retroviral peptide. Peptides. 2005 Nov;26(11):2165-74. PMID: 15978701.

Takahashi A, Day NK, Luangwedchakarn V, et al. A retroviral-derived immunosuppressive peptide activates mitogen-activated protein kinases. J Immunol. 2001 Jun 1;166(11):6771-5. PMID: 11359835.

Kabeya H, Ohashi K, Sugimoto C, et al. Bovine leukaemia virus envelope peptides cause immunomodulation in BALB/c mice. Vet Immunol Immunopathol. 1999 Mar 29;68(1):39-48. PMID: 10231950.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.