



LKT Laboratories, Inc.
Ovalbumin Fragment (323-339)

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID O8503

CAS No.

Chemical Name

Synonym OVA (323-339)

Formula C₇₄H₁₂₀N₂₆O₂₅

Formula Wt. 1773.93

Melting Point

Purity ≥98%

Solubility Soluble in water.

Ile-Ser-Gln-Ala-Val-His-Ala-Ala-
His-Ala-Glu-Ile-Asn-Glu-Ala-Gly-
Arg

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
O8503	5 mg	\$899.70

Store Temp -20° C

Ship Temp Ambient

Description Ovalbumin (323-339) is an antigenic peptide fragment of ovalbumin that contains a CD4+ T cell epitope. This fragment is an MHC II-restricted epitope that is used in vaccines to stimulate a Th2 immune response.

References Nakajima-Adachi H, Koike E, Totsuka M, et al. Two distinct epitopes on the ovalbumin 323-339 peptide differentiating CD4+ T cells into the Th2 or Th1 phenotype. *Biosci Biotechnol Biochem.* 2012;76(10):1979-81. PMID: 23047087.

Ichikawa K, Kagamu H, Koyama K, et al. Epitope diversification driven by non-tumor epitope-specific Th1 and Th17 mediates potent antitumor reactivity. *Vaccine.* 2012 Sep 21;30(43):6190-7. PMID: 22889826.

Sun LZ, Elsayed S, Aasen TB, et al. Comparison between ovalbumin and ovalbumin peptide 323-339 responses in allergic mice: humoral and cellular aspects. *Scand J Immunol.* 2010 May;71(5):329-35. PMID: 20500683.

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