

## OVA [323-339] Peptide

**Subcategory:** Synthetic Peptide

**Cat. No.:** 350312

**Unit:** 1 mg

**Description:**

Ovalbumin is the major protein in eggs. OVA [323-339] Peptide encompasses amino acids 323-339 of ovalbumin sequence, which is an allergenic and antigenic epitope of the ovalbumin protein. OVA [323-339] Peptide binds to I-A(d) MHC class II protein. OVA [323-339] Peptide has been used extensively to study the nature of class II MHC-peptide binding and T-cell activation.

**Format:** Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

**Alternate Names:** Ovalbumin; Egg albumin; SERPINB14; OVA 323-339; Plakalbumin; Allergen Gal d 2; Allergen Gal d II

**Accession No.:** P19104

**MW:** 1773.92 g/mol

**Sequence:** Chicken and Quail: H-Ile-Ser-Gln-Ala-Val-His-Ala-Ala-His-Ala-Glu-Ile-Asn-Glu-Ala-Gly-Arg-OH or H-ISQAVHAAHAEINEAGR-OH

**Composition:** C<sub>74</sub>H<sub>120</sub>N<sub>26</sub>O<sub>25</sub>

**Purity:** Purity > 95% by HPLC

**Solubility:** Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

**Storage:** Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

**Product Citations:** [1] Dunkelberger J. et al. 2012. J Immunology. 188(8): 4032-4042. PMID# 22430734. [2] Morris D. et al. 2013. Diabetes. 62(8): 2762-2772. PMID# 234935569.

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