
OVA [257-264] Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350313

Unit: 1 mg

Description:

Ovalbumin is the major protein in eggs. OVA [257-264] Peptide encompasses amino acids 257-264 of ovalbumin sequence, which is a class I (Kb)-restricted peptide epitope of ovalbumin (OVA), presented by the class I major histocompatibility complex (MHC) molecule, H-2Kb. It has been demonstrated that OVA 257-264 peptides can be used to detect a strong CD8⁺ cytolytic T cell response.

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; Plakalbumin; Allergen Gal d 2; Allergen Gal d II; SERPINB14; OVA 257-264

Accession No.: P01012

MW: 963.1 g/mol

Sequence: Chicken: H-Ser-Ile-Ile-Asn-Phe-Glu-Lys-Leu-OH or H-SIINFEKL-OH

Composition: C₄₅H₇₄N₁₀O₁₃

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] Ito A et al. 2012. Nanomedicine. 0(0):1-12. PMID# 2306648. [2] Dunkelberger J et al. 2012. Journal of Immunology. 188(8): 4032-4042. PMID# 22430734.

For research use only, not for diagnostic or therapeutic procedures.