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Tetanus Toxoid peptide

Product information

Catalog no. 1054

Quantity: 1.0 mg

Description:

This peptide represents residues 830-844 of tetanus toxoid. This sequence has been shown to bind multiple HLA-DR alleles and has been described as universally immunogenic.

Sequence: QYIKANSKFIGITEL

Purity (HPLC): 96.6%

Storage: Store frozen at \leq minus 20°C

Solubility: The peptide is readily soluble in water or phosphate buffered saline. To ensure sterility, filtration of the reconstituted peptide is recommended.

References:

Panina-Bordignon, et. al. Universally immunogenic T cell epitopes: promiscuous binding to human MHC class II and promiscuous recognition by T cells. 1989 *Eur. J. Immunol* 19:2237-2242

James, et. al. Tetramer-guided epitope mapping reveals broad, individualized repertoires of tetanus toxin-specific CD4⁺ T cells and suggests HLA-based differences in epitope recognitions. 2007 *Int. Immunol* 19:1291-1301