

Proinsulin 73-90 Peptide

Product information

Catalog no. 1119

Quantity: 1.0 mg

Description:

Proinsulin is considered an important autoantigen in type 1 diabetes (T1D). Autoreactivity to Proinsulin is very common in T1D patients with the HLA-DRβ1*0401 haplotype. The Proinsulin 73-90 peptide has been identified as an immunodominant T cell epitope of HLA-DRB1*0401 subjects with beta-islet cell autoimmunity.

Sequence: GAGSLQPLALEGSLQKRG

Storage: Store frozen at ≤minus 20°C

Solubility: The peptide is readily soluble in water or phosphate buffered saline.

References:

1. Durinovic-Bello et. al., DRβ1*0401-restricted human T cell clone specific for the major proinsulin 73-90 epitope expresses a down-regulatory T helper 2 phenotype. Proc. Natl. Acad. Sci. (2006) 103(31): 11683-11688.