

GAD65 555-567 Peptide

Product information

Catalog no. 1135

Quantity: 1.0 mg

Description:

Glutamic acid decarboxylase 65 kD isoform (GAD65) is one of the important autoantigens in the pathogenesis of type 1 diabetes (T1D). Autoreactivity to GAD65 is very common in T1D patients with the HLA-DR β 1*04 haplotype. The GAD65 555-567 peptide has been identified as an immunodominant T cell epitope of HLA-DRB1*0401 subjects with beta-islet cell autoimmunity.

Sequence: NFFRMVISNPAAT

Storage: Store frozen at \leq minus 20°C

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

References:

1. Reijonen et. al., GAD65-Specific CD4⁺ T Cells with High Antigen Avidity are Prevalent in Peripheral Blood of Patients with Type 1 Diabetes. *Diabetes* 2004 53(8): 1987-1994