

MART-1 peptide, A*0201 restricted

Product information

Catalog no. 1109

Quantity: 1.0 mg

Description:

This peptide represents residue 26-35 of the MART-1 (also known as Melan-A) protein and binds to HLA-A*0201. The amino acid sequence contains an A27L substitution from the native sequence. This analog sequence has been shown to be more immunogenic than the native sequence¹. MART-1/Melan-A protein is expressed in melanocytes and most melanoma.

Sequence: ELAGIGILTV

Storage: Store frozen at \leq minus 20°C

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

References:

1. Valmori et. al. Enhanced Generation of Specific Tumor-Reactive CTL In Vitro by Selected Melan-A/MART-1 Immunodominant Peptide Analogues. J. Immunol, 1998. 160:1750-1758