PE-Labeled Human Peptide Ready HLA-A*11:01&B2M Tetramer Protein

Cat. No. MHC-HM41RTP

Description

Source	Recombinant PE-Labeled Human Peptide Ready HLA-A*11:01&B2M Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. PE-Labeled Human Peptide Ready HLA-A*11:01&B2M Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin.
	It contains Gly25-Thr305 (HLA-A*11:01) and Ile21-Met119 (B2M).
Accession	AAV53343.1(HLA-A*11:01)&P61769(B2M)
Wavelength	Excitation Wavelength: 488 nm / 561 nm
	Emission Wavelength: 575 nm
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

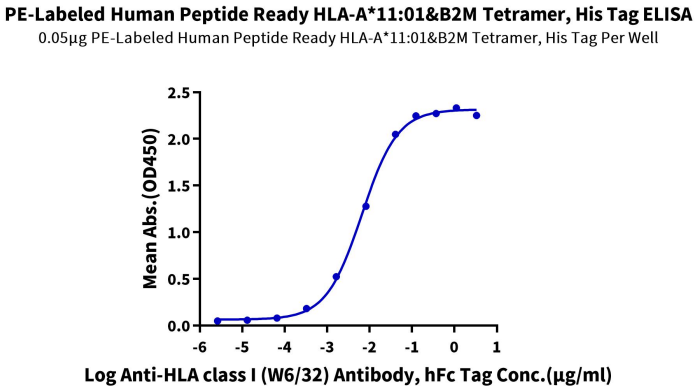
Formulation	Supplied as 0.22 μm filtered solution in PBS, 0.2% BSA (pH 7.4).
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Peptide Ready HLA-A*11:01&B2M Monomer is absent from peptide, namely peptide-receptive MHC. It can be loaded with antigenic peptides matching HLA-A*11:01. Peptide ready MHC molecules comprising human HLA alleles and B2M, which can be readily tetramerized and loaded with peptides of choice in a high-throughput manner.

Assay Data

ELISA Data



Immobilized PE-Labeled Human Peptide Ready HLA-A*11:01&B2M Tetramer, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-HLA class I (W6/32) Antibody, hFc Tag with the EC50 of 6.6ng/ml determined by ELISA.