

# APC-equivalent Human Peptide Ready HLA-A\*11:01&B2M Tetramer Protein

Cat. No. MHC-HM41RTC

## Description

<b>Source</b>	Recombinant APC-equivalent Human Peptide Ready HLA-A*11:01&B2M Tetramer Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gly25-Thr305 (HLA-A*11:01) and Ile21-Met119 (B2M).
<b>Accession</b>	AAV53343.1(HLA-A*11:01)&P61769(B2M)
<b>Molecular Weight</b>	The protein has a predicted MW of 305.6 kDa.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 µm filtered solution in 20mM PBS, 150mM NaCl (pH 7.4).
<b>Storage</b>	Valid for 12 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

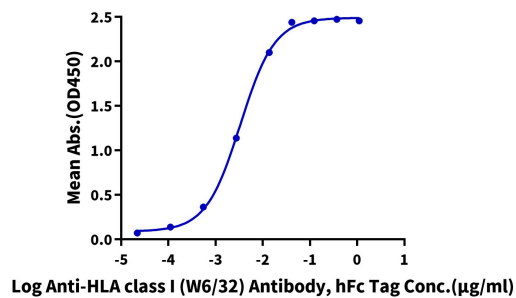
Peptide Ready HLA-A\*11:01&B2M Monomer is absent from peptide, namely peptide-receptive MHC. It can be loaded with antigenic peptides matching HLA-A\*11:01. Peptide ready MHC molecules comprising human HLA alleles and B2M, which can be readily tetramerized and loaded with peptides of choice in a high-throughput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

## Assay Data

### ELISA Data

#### APC-equivalent Human Peptide Ready HLA-A\*11:01&B2M Tetramer, His Tag ELISA

0.05µg APC-equivalent Human Peptide Ready HLA-A\*11:01&B2M Tetramer, His Tag Per Well



Immobilized APC-equivalent 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 3.3ng/ml determined by ELISA.