

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



Cat. No. MHC-HM41RTC

Description

Source	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).
Accession	AAV53343.1(HLA-A*11:01)&P61769(B2M)
Molecular Weight	The protein has a predicted MW of 305.6 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in 20mM PBS, 150mM NaCl (pH 7.4).
Storage	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.

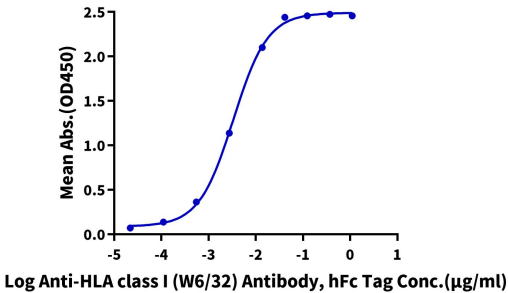
Background

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.