

FITC-equivalent Human Peptide Ready HLA-A*24:02&B2M Tetramer Protein

Cat. No. MHC-HM46RTF

Description

Source	Recombinant FITC-equivalent Human Peptide Ready HLA-A*24:02&B2M Tetramer Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gly25-Thr305 (HLA-A*24:02) and Ile21-Met119 (B2M).
Accession	AAA59600.1(HLA-A*24:02)&P61769(B2M)
Molecular Weight	The protein has a predicted MW of 300.8 kDa.
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Endotoxin	Less than 1EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS, 300mM 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

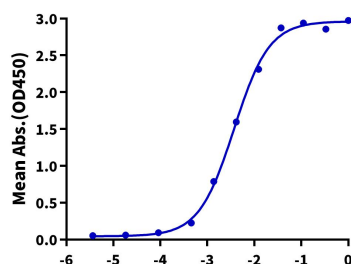
Peptide Ready HLA-A*24:02&B2M Monomer is absent from peptide, namely peptide-receptive MHC. It can be loaded with antigenic peptides matching HLA-A*24:02. Peptide ready MHC molecules comprising human HLA alleles and B2M, which can be readily tetramerized and loaded with peptides of choice in a high-throughput manner.

Assay Data

ELISA Data

FITC-equivalent Human Peptide Ready HLA-A*24:02&B2M Tetramer, His Tag ELISA

0.05µg FITC-equivalent Human Peptide Ready HLA-A*24:02&B2M Tetramer, His Tag Per Well



Log Anti-HLA class I (W6/32) Antibody, hFc Tag Conc.(µg/ml)

Immobilized FITC-equivalent Human Peptide Ready HLA-A*24:02&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 3.7ng/ml determined by ELISA.