

Cat. No. MHC-HE045TP

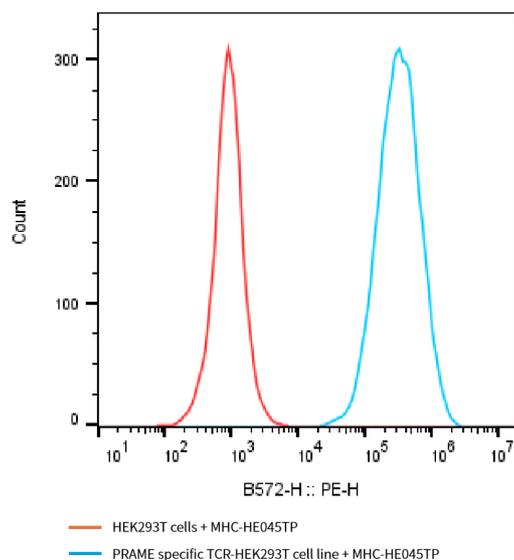
Description	
Source	Recombinant PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and SLLQHLIGL peptide.
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLQHLIGL
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in 20mM Tris, 200mM NaCl, 0.2% BSA (pH 8.0).
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**  
PRAME (PReferentially expressed Antigen in MELanoma) is a melanoma-associated antigen expressed in cutaneous and ocular melanomas and some other malignant neoplasms, while its expression in normal tissue and benign tumors is limited.

**Assay Data**

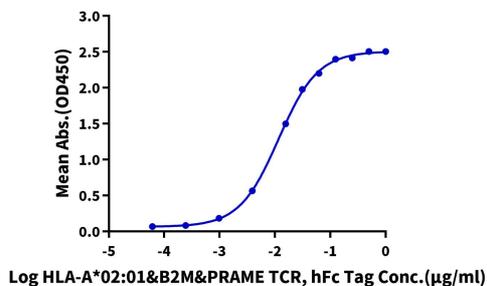
**FACS Data**



1E6 of PRAME specific TCR-HEK293T cell line were stained with 100ul of 10ug/ml PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer (Cat. No.MHC-HE045TP) and non-transfected HEK293T cells and PE-Labeled protein were used as negative control. The binding activity was evaluated by PE signal.

**ELISA Data**

**PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag ELISA**  
0.1µg PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag Per Well



Immobilized PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for HLA-A\*02:01&B2M&PRAME TCR, hFc Tag with the EC50 of 11.6ng/ml determined by ELISA.