

Cat. No. MHC-HM443TP

**Description**

**Source** Recombinant PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein is expressed from HEK293 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** AOA140T913(HLA-A\*02:01)&P61769(B2M)&SLLQHLIGL

**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).

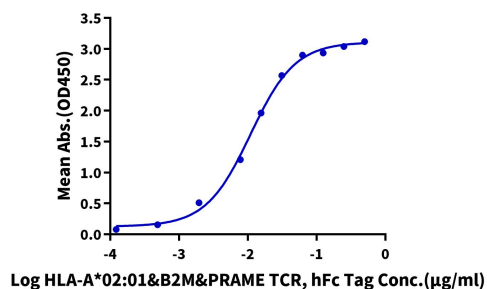
**Storage** Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Background**

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****ELISA Data**

**PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag ELISA**  
0.05µg 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 0.5µg/ml (100µl/well) on the plate.  
Dose response curve for HLA-A\*02:01&B2M&PRAME TCR, hFc Tag with the EC50 of 11.0ng/ml determined by ELISA.